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1910

### THE

# JOHN CRERAR LIBRARY

SIXTEENTH ANNUAL REPORT

FOR THE YEAR

1910



CHICAGO
PRINTED BY ORDER OF THE BOARD OF DIRECTORS
. 1911





# JOHN CRERAR LIBRARY

#### SIXTEENTH ANNUAL REPORT

FOR THE YEAR

1910



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1911

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#### OFFICERS, 1911

President
PETER STENGER GROSSCUP

First Vice-President
THOMAS D. JONES

Second Vice-President ROBERT FORSYTH

Secretary
LEONARD A. BUSBY

Treasurer
WILLIAM J. LOUDERBACK

Librarian
CLEMENT W. ANDREWS

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CHAUNCEY KEEP

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Books

Frank S. Johnson

THOMAS D. JONES

ROBERT FORSYTH

# DIRECTORS, 1894—1911

NORMAN WILLIAMS		-		-		-		-		-	1894-1899*
HUNTINGTON W. JAC	KS	ON			-		-		-		1894-1901*
MARSHALL FIELD		-		-		-				-	1894-1906*
E. W. Blatchford	-		-		-		-		-		1894
T. B. BLACKSTONE		-		-		-		-		-	1894-1899†
ROBERT W. LINCOLN	-		-		-		-		-		1894—
HENRY W. BISHOP		-		-		-		-		-	1894—
EDWARD G. MASON	-		-		-		-		-		1894—1895†
ALBERT KEEP -		-		-		-		-		-	1894-1907*
Edson Keith -	-		-		-		-		-		1894-1896*
SIMON J. McPHERSON		-		-		-		-		-	1894-1899†
JOHN M. CLARK -	-		×		-		-		-		1894—
George A. Armour		-				-		-		-	1894-1899†
Frank S. Johnson	-		-		-		-		-		1896—
PETER STENGER GROS	SSC	CUI		-		-		-		-	1897—
ARTHUR J. CATON	-		-		-		-		-		1900-1904*
MARVIN HUGHITT -		-		-		-		-		-	1900—
THOMAS D. JONES	-		-		-		-		-		1900
JOHN J. MITCHELL -		-		-		-		-		-	1900-
Leonard A. Busby	-		-		-		-		-		1901—
ROBERT FORSYTH -		-		-				-		-	1905—
CHAUNCEY KEEP	-		-		-		-		-		1906—
FREDERICK H. RAWS	ON			-		-		-		-	1908—
*Deceased											†Resigned

# OFFICERS, 1895-1911

#### Presidents

NORMAN WILLIAMS 1895—18	399
HUNTINGTON W. JACKSON 1900—19	100
PETER STENGER GROSSCUP 1901—	
· ·	
First Vice-Presidents	
EDWARD G. MASON 1895	
Huntington W. Jackson 1896-19	00
Peter Stenger Grosscup 1900	
HENRY W. BISHOP 1901—19	010
THOMAS D. JONES 1911-	
Second Vice-Presidents	
Marshall Field 1895—18	399
PETER STENGER GROSSCUP 1899—19	000
HENRY W. BISHOP 1900—19	100
THOMAS D. JONES 1901—19	010
ROBERT FORSYTH 1911—	
Secretaries	
George A. Armour 1895—19	900
ARTHUR J. CATON 1900—19	04
LEONARD A. BUSBY 1905—	·
Treasurer	
WILLIAM J. LOUDERBACK 1895—	
Librarian	
CLEMENT W. ANDREWS 1895—	

#### LIBRARY STAFF, 1911

							n
Librarian			-	-		-	CLEMENT W. ANDREWS
Assistant Lil	brarian		-		-		CHARLES J. BARR
Reference Li	brarian	-	-				EDWARD D. TWEEDELL
Cataloguer	-		-		-		AKSEL G. S. JOSEPHSON
Medical Refe	erence L	ibrarian		-		-	ALFRED C. GIRARD
Classifier -	-		-		-		J. CHRISTIAN BAY
Assistant Re	ference	Libraria	n	-		-	ROBERT J. USHER
Assistant Ca	taloguer	r -	-		-		MARY E. HAWLEY
Assistant Ca	taloguer	r -	-	-		-	GERTRUDE FORSTALL

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EDITHA C. PHELPS
SARAH S. DICKINSON
CHARLOTTE H. FOYE
ELIZABETH MONTROSS
JENNIE A. HULCE /
WILLIAM TEAL
SOPHIE HYDE

WILLIAM A. BRENNAN
HARRIET HOLDERMAN
GENEVIEVE DARLINGTON
BRUNO WILKE
MARGARET FURNESS
EDNA L. GOSS
ALPHA L. OWENS

#### Elsa Neiglick

#### Junior Assistants

MABEL HAYWARD
CORNELIA C. WHITE
JOHN W. GORBY
OSCAR E. NORMAN
MARY B. HIBBARD
ALBERTA M. WHIDDEN
HUGO POPPER

JACOB L. FOX
LOUISE MADSEN
CLARA B. TOUZALIN
HATTIE FISCH
HENRY BAHNSEN
BELLE B. GORMLEY
MARY ELLIOTT

#### Attendants

JOHN A. KRAUTH MARGERY C. COOPER FLEMING D. HEDGES JULIUS CLEMENS A. Frederic Gronberg William E. Boyd Roscoe C. Eaton Milton A. Brown

#### Pages

HAROLD SHEDDY AUGUST HUNTSCHA George J. Krueger Hans Kleinert

FRED STUEHLER

Janitor

WILLIAM J. JONES

Assistant Janitors

WILLIAM CHAPPELL

AUGUST CARLSON

#### REPORT OF THE PRESIDENT

HIPP II

TO THE GOVERNOR OF ILLINOIS:

In accordance with the provisions of an act entitled "An Act to encourage and promote the establishment of free public libraries in cities, villages, and towns in this state," approved June 17, 1891, under which this corporation is organized, the Directors of The John Crerar Library submit their sixteenth annual report, for the year 1910.

No changes have occurred in the membership of the Board of Directors, which is composed of the following persons: E. W. Blatchford, Robert T. Lincoln, Henry W. Bishop, John M. Clark, Frank S. Johnson, Peter Stenger Grosscup, Marvin Hughitt, Thomas D. Jones, John J. Mitchell, Leonard A. Busby, Robert Forsyth, Chauncey Keep and Frederick H. Rawson, together with Fred A. Busse, Mayor of Chicago, and Walter H. Wilson, Comptroller, ex-officio members.

The officers of the Library are as follows: President, Peter Stenger Grosscup; First Vice-President, Henry W. Bishop; Second Vice-President, Thomas D. Jones; Secretary, Leonard A. Busby; Treasurer, William J. Louderback; Librarian, Clement W. Andrews.

In accordance with the request of the Board of Directors, the South Park Commissioners, in February, 1910, instituted condemnation proceedings on behalf of the Library under the Act of 1903, entitled: "An Act concerning free public libraries in public parks."

Two suits were brought as test cases by the South Park Commissioners on behalf of the Library, in the Superior Court of Cook County, entitled, respectively: "South Park Commissioners vs. A. Montgomery Ward, et al., Gen. No. 277,376," and, "South Park Commissioners vs. Karpen Bros., et al., Gen. No. 277,377." The suits were for the condemnation of the easement of Ward and Karpen Bros., as abutting property owners. The cases were tried in March, 1910, before Judge McSurely, who ruled adversely to the South Park Commissioners and the Library.

Thereupon, the South Park Commissioners, on behalf of the Library, took an appeal to our Supreme Court, and on December 21, 1910, the Supreme Court handed down an opinion deciding the issues against the South Park Commissioners and the Library, and affirmed the decision of the court below.

A petition for a rehearing is being prepared, and will be submitted to our Supreme Court, so that a final disposition of the question may be expected at an early date.

The growth of the Library in its ability to render service to the public and the increase in the use of it have been steady. It now contains 268, 153 volumes, some 81,000 pamphlets, and 2,781 maps and plates. It receives currently 3,240 periodicals and 8,595 other serial publications.

The use made of the Library has increased largely and amounted to some 434,000 books and periodicals for the year. The recorded attendance was 138,353. For further details reference is made to the appended report of the Librarian.

The report of the Treasurer, also appended, presents the statement of the income and expenditure for the year 1910, together with a statement of the assets and investments, as required by law.

Respectfully submitted,

PETER S. GROSSCUP,

President.

Pre

CHICAGO, January 19, 1911.

#### REPORT OF THE TREASURER

#### STATEMENT OF FINANCES FOR YEAR 1910

#### CASH

	\$ 43,515.16
RECEIPTS	
Collections account income \$212,	649.64
Huntington W. Jackson Fund, income	40.00
	373.69
Investments:	
Notes 50,0	00.00
Stocks ·	76.36 264,139.69
	\$307,654.85
DISBURSEMENTS	
Audited Vouchers \$156,2 Investments:	241.50
Bonds (Interest)	08.00
	\$78.57 \$260,828.07
Cash on hand December 31, 1910:  In bank \$ 46,6	564.93
	161.85 \$ 46,826.78

#### OPERATION

Huntington W. Jackson Fund, income	\$ 217,262.34 - 40.00
	\$ 217,302.34
EXPENSE	
Administration:	
Rent, Light, etc \$33,285.73	
Salaries, Wages 53,032.43	
Supplies 2 728 45	
Supplies 2,738.47  Printing 7,005.83	3
Transportation, Postage 1,695.56	
Sundries 6,825.20	\$ 104,583.31
	-
Books:	
Books \$20,148.06	5
Periodicals 9,422.57	7
Binding 11,959.60	
Lettering, Repairs - 1,420.17	
	•
Buildings and Grounds:	
Repairs \$ 4,962.58	3
Depreciation 3,189.75	
5,109.75	
Surplus for year 1910	\$ 61,616.21
ASSETS	
ASSET	3
Bonds	
Donds	\$3,082,640.91
Stocks	
Stocks	695,317.92 475,000.00
Stocks	- 695,317.92 475,000.00 - 103,100.00
Stocks	- 695,317.92 475,000.00 103,100.00 28,707.84
Stocks	- 695,317.92 475,000.00 - 103,100.00
Stocks	- 695,317.92 475,000.00 103,100.00 28,707.84
Stocks	- 695,317.92 475,000.00 103,100.00 28,707.84 429,839.98 1,967.46 1,491.93
Stocks	- 695,317.92 475,000.00 - 103,100.00 28,707.84 - 429,839.98 1,967.46 - 1,491.93 35,000.00
Stocks	- 695,317.92 475,000.00 103,100.00 28,707.84 429,839.98 1,967.46 1,491.93
Stocks	695,317.92 475,000.00 103,100.00 28,707.84 429,839.98 1,967.46 1,491.93 35,000.00 46,826.78
Stocks	- 695,317.92 475,000.00 - 103,100.00 28,707.84 - 429,839.98 1,967.46 - 1,491.93 35,000.00
Stocks	695,317.92 475,000.00 103,100.00 28,707.84 429,839.98 1,967.46 1,491.93 35,000.00 46,826.78
Stocks	695,317.92 475,000.00 103,100.00 28,707.84 429,839.98 1,967.46 1,491.93 35,000.00 46,826.78 \$4,899,892.82
Stocks	695,317.92 475,000.00 103,100.00 28,707.84 429,839.98 1,967.46 1,491.93 35,000.00 46,826.78 \$4,899,892.82
Stocks	695,317.92 475,000.00 103,100.00 28,707.84 429,839.98 1,967.46 1,491.93 35,000.00 46,826.78 \$4,899,892.82 IES \$3,500,000.00 954,908.46
Stocks  Mortgage Loans  Farm Mortgage Loans  Furniture and Fixtures  Book Investment  Accounts Receivable  Bills Collectable  Medical Library Purchase Suspense  Cash  Total  LIABILITY  Endowment Fund  Building Fund  Book Fund	695,317.92 475,000.00 103,100.00 28,707.84 429,839.98 1,967.46 1,491.93 35,000.00 46,826.78 \$4,899,892.82 IES \$3,500,000.00 954,908.46 429,839.98
Stocks  Mortgage Loans Farm Mortgage Loans Furniture and Fixtures Book Investment Accounts Receivable Bills Collectable Medical Library Purchase Suspense Cash Total  LIABILITY Endowment Fund Building Fund Book Fund Security Reserve Fund	695,317.92 475,000.00 103,100.00 28,707.84 429,839.98 1,967.46 1,491.93 35,000.00 46,826.78 \$4,899,892.82 IES \$3,500,000.00 954,908.46
Stocks  Mortgage Loans  Farm Mortgage Loans  Furniture and Fixtures  Book Investment  Accounts Receivable  Bills Collectable  Medical Library Purchase Suspense  Cash  Total  LIABILITY  Endowment Fund  Building Fund  Book Fund	695,317.92 475,000.00 103,100.00 28,707.84 429,839.98 1,967.46 1,491.93 35,000.00 46,826.78 \$4,899,892.82 IES \$3,500,000.00 954,908.46 429,839.98 13,714.94
Stocks  Mortgage Loans Farm Mortgage Loans Furniture and Fixtures Book Investment Accounts Receivable Bills Collectable Medical Library Purchase Suspense Cash Total  LIABILITY Endowment Fund Building Fund Security Reserve Fund Huntington W. Jackson Fund Book Purchase Reserve	695,317.92 475,000.00 103,100.00 28,707.84 429,839.98 1,967.46 1,491.93 35,000.00 46,826.78 \$4,899,892.82 IES \$3,500,000.00 954,908.46 429,839.98 13,714.94 1,000.00 429.44
Stocks  Mortgage Loans Farm Mortgage Loans Furniture and Fixtures Book Investment Accounts Receivable Bills Collectable Medical Library Purchase Suspense Cash Total  LIABILITY Endowment Fund Building Fund Book Fund Security Reserve Fund Huntington W. Jackson Fund	695,317.92 475,000.00 103,100.00 28,707.84 429,839.98 1,967.46 1,491.93 35,000.00 46,826.78 \$4,899,892.82 IES \$3,500,000.00 954,908.46 429,839.98 13,714.94 1,000.00
Stocks  Mortgage Loans Farm Mortgage Loans Furniture and Fixtures Book Investment Accounts Receivable Bills Collectable Medical Library Purchase Suspense Cash Total  LIABILITY Endowment Fund Building Fund Security Reserve Fund Huntington W. Jackson Fund Book Purchase Reserve	695,317.92 475,000.00 103,100.00 28,707.84 429,839.98 1,967.46 1,491.93 35,000.00 46,826.78 \$4,899,892.82 IES \$3,500,000.00 954,908.46 429,839.98 13,714.94 1,000.00 429.44

In accordance with the instructions of the Board of Directors, the Building Fund has been increased by the amount of the surplus for the year, \$54,474.27, less the balance of \$141.94, from appropriation for books carried to Book Purchase Reserve and less the fifth annual charge of \$7,000.00 against the Medical Library Purchase Suspense Account, making a total to the credit of the Building Fund of \$954,908.46.

The Book Fund has been increased by the amount of the investment during the year, less depreciation, and now stands at \$429,839.98.

The income of the Huntington W. Jackson Fund has been expended for books.

Insurance is in force covering the property of the Library in amounts as follows:

Books - - - - \$349,500.00

Portraits, Furniture, Fixtures, and Decorations - - - 28,000.00

Type and Cases - - - 4,500.00

\$382,000.00

Wm. J. Louderback,

Treasurer.

CHICAGO, January 19, 1911.

We have audited the books and accounts of The John Crerar Library for the year ending December 31, 1910; have examined and priced all securities, which we find to have an aggregate market value largely exceeding the book values, and have verified the cash on hand and in banks.

We accordingly certify that the attached statements truly exhibit the cash receipts and disbursements and the operating income for the said year, and the assets and liabilities at its close.

THE AUDIT COMPANY OF NEW YORK,

G. H. MCVICKER,

CHICAGO, February 24, 1911.

Western Manager.

#### REPORT OF THE LIBRARIAN

To the Board of Directors of The John Crerar Library.

Gentlemen:—A very unusual series of resignations, dismissals and absences has prevented the accomplishment of the usual amount of routine work in 1910. The deficiency was increased by the effort made to maintain the service to the public at the expense of the routine work. That this effort was not unsuccessful is shown by the statistics of attendance and use.

**Rooms.** No changes have been made during the year. Continued use has confirmed the favorable opinion of those made in 1909. The indirect system of lighting has given general satisfaction and might well be extended over the offices and official catalogue.

Department of Medical Sciences. The working collection on the shelves of the Senn Room has now been brought up to date. Indeed, so many new books have been received that a considerable number of older works have of necessity been retired to the stacks. The collection, now some 3,000 volumes, is nearly as large as the shelves will permit. Hereafter each new work added to it will displace another work, and the same care as is used for the collection in the main Reading Room will be used to make sure that the displacement is justified.

Work on the long sets of non-current periodicals has been nearly finished, progress has been made on the cataloguing of the Senn Collection and in the classification of its pamphlets, the periodicals and some other material from the Martin and Geibel purchases have been accessioned and catalogued, and many duplicates have been eliminated. In this way, the shelves of the main collection still under the old classification have been reduced from 495 to 376, the unaccessioned portion of the Martin purchase to 63 shelves, that of the Geibel purchase to 18 shelves, and the uncatalogued portion of the Senn Collection to 271 shelves.

A list of the current periodicals shelved in the Senn Room has been issued and is described with the other publications of the year.

Special Collections. Besides the work done in catalogues,

and classifying the Senn Collection, already mentioned, progress has been made in its readjustment in accordance with the understanding with the donor. It is hoped that this can be completed in 1911; but at present no statement of the permanent size can be made.

From the proceeds of its special fund thirteen volumes have been added to the Huntington W. Jackson Collection on Constitutional Law, which now contains 544 titles of which 49 have been purchased from the fund.

Routine. The classified subject index to the official catalogue, which had been maintained from the beginning, has been discontinued. Although at times of very great use both to students in giving references to much material too recent for the best bibliographies, or outside their scope, and to the staff in placing books asked for only by their titles, yet it was found not to justify the necessary expenditure of time now that the demands on the evening staff are too steady to allow the work to be done in odd moments.

Attendance. The total number of visitors recorded during the year was 138,353 and the daily average was 442; an increase of three per cent over the figures for 1909, which were 134,579 and 430 respectively. This increase is about the same as for the previous year, is about one-half the average increase since the opening of the Library, and is probably all that can be expected under present conditions.

The evening attendance, 89, is the same as in 1909. The average attendance on the five general holidays increased from 189 to 218; part of this increase is due to the fact that Christmas was a double holiday. The smallest attendance was 140 on November 24th, and the largest 863, on March 12th. The figures for 1909 were 139 and 857 respectively.

The attendance in the Senn Room has increased from 84 a day to 89, an increase somewhat, but not greatly, larger than that for the Library as a whole.

Use. The recorded number of calls for periodicals from the alcove is about the same as in 1909, being 19,990 as against 20,261. The decrease is not significant for it probably indicates that an increased proportion of periodical readers find it more convenient to read in the alcove rather than at a table.

On the other hand, the notable increase in the recorded

number of calls for books from the stacks from 107,006 to 124,819 can mean only a gratifying increase in the more serious use of the Library, though it is true that it is in part only the recovery of the ground lost in 1909.

Using the same factor as in previous years the total use of the Library in 1910 may be estimated at 434,000 books and periodicals.

A detailed classification of the call slips for books and periodicals and of admissions to the stack is given in the second table of library statistics. The following table gives a comparison of the totals and percentages for each department with the corresponding figures for 1909:

	RECOR	:	ADMISSIONS TO THE STACK				
1	910	19	909	I	910	I	909
	Percen		Percent-		Percent-		Percent-
Total	age	Total	age	Total	age	Total	age
Unclassified 616		376					
General Works26,079	18	22,139	17	157	7	153	6
Social Sciences29,398	20	23,927	19	281	12	168	7
Physical Sciences15,070	II	13,158	10	277	11	299	12
Natural Sciences 8,551	6	<b>7,2</b> 96	6	277	11	317	13
Medical Sciences12,922		11,177	9	477	20	752	31
Applied Sciences52,173	<b>3</b> 6	49,194	39	961	39	748	31

As will be seen, every department shows a substantial increase. The changes in proportion are insignificant, though it is to be noted that the department of Social Sciences continues to gain. Much the same may be said of the changes in the calls for particular subjects; only seven show a decrease, and for only one, photography, with a decrease of one-third, is it more than trivial. On the other hand, several subjects show increases of one-half to two-thirds, the calls for philosophy have doubled, and those for palæontology have been ten times as many as in 1909 or twice as many as in 1908. The first six subjects are the same as in 1909 and in the same order: engineering, medicine, political economy, trade and transportation, physics, chemical technology.

The admissions to the stack were 2,430, a decrease of 7. Of the admissions recorded, 1,650 were by registration and 780 on presentation of 28 passes. Two additional passes have been granted, leaving 93 nominally in force.

The loans for use outside the Library were one-half more than in 1909. There were granted 161 requests from 49 libraries and 171 requests from 94 individuals. Ten requests

from libraries were refused. In 1909 the loans were 212 and the refusals seven. In seven cases the books loaned were asked for while out.

The calls for assistance by telephone were 480, and the requests for information by letter were 144. The figures for 1909 were 363 and 165 respectively.

The time required to fill calls has been determined in the same way as for the previous year. The average time was 3.73 minutes as against 3.66. Because of the many changes in the staff a loss of efficiency was almost inevitable, but it is very creditable to those concerned that this loss proved to be so slight.

The record of the causes of failures to supply books called for, which should have been supplied, is as follows: at bindery, 578; otherwise unavailable temporarily, mostly stolen and not yet replaced, 40; in use by another reader, 960; withdrawn from general circulation, 30; not found on shelves, 236; errors of library assistants or records, 55; total, 1,889. The total is 1.52 per cent of the total call slips presented, while in 1909 the percentage was 1.36. More than the whole of this increase is in the books in use by another reader and this is attributable to the visits of classes of students all asking for a few works. This, of course, is a demand upon the Library which it does not pretend to meet. Excluding the first four causes as unavoidable, the avoidable failures were 291, or 0.23 per cent, as against 0.4 per cent in 1909. This improvement is also very creditable to the attendants.

**Publications.** In March the Library issued its *Fifteenth Annual Report*, a pamphlet of 75 pages. Besides the usual matter it contains the Report of the Special Committee on Site, which puts on record the legal and other proceedings in connection with their effort to secure a site in Grant Park. An edition of 6,000 copies was printed and distributed.

Also in March, the Library issued a List of Current Medical Periodicals and Allied Serials, a pamphlet of 25 pages. This gives in alphabetical order some 850 titles of current serials, most of which are kept on the open shelves of the Senn Room. For the greater convenience of those using the list, it gives the earliest volume from which the set is current, and indicates the existence of serious deficiencies. An edition of 1,000 copies was printed.

In August the Library issued, in honor of the meetings of the Congrès international de bibliographie et de documentation and the Congrès international des archivistes et des bibliothécaires at Brussels, a special edition of its Handbook. It was intended to print only enough copies for the Congresses, but through a mistake of the printer, an edition of 1,000 copies was printed, and is now exhausted.

The List of Histories of Science is now ready for the press, and should be ready for issue early in 1911. Much material has been collected for the List of Histories of Arts and Industries, and this should be ready for the press by the end of the year. The preparation of the new edition of the List of Serials has been delayed seriously by the illness and absence of the Librarian. While considerable work has been done, no time can be set for its appearance. This is the more to be regretted because both the original list and the supplement are out of print, as is, also, the List of Bibliographies of Special Subjects. This has proved to be a useful tool and its reprinting in a new edition is worthy of consideration.

The following table shows the distribution of the publications:

ons:				DISTRIBUT		
				Exchange	е	On hand
TITLE	Date	Edition	Jan. 1	or Gift	Sale	Dec. 31
List of Serials		350	88	88		
Periodicals Received	1902	1,000	338	ΙI	I	326
Bibliographies of Special						-
Subjects	1902	966	25	14	II	
Industrial Arts	1904	980	152	10	4	138
Cyclopedias and Directories		700	96	13	7	76
Supplement List of Serials		745	65	52	13	
Bibliography Union Lists		317	266	2		264
Books Exhibited	1907	2,000	775	22	I	752
Handbook, 1907	1907	2,000	225	225		
Books in Reading Room	1909	956	417	67	24	326
Current Medical Periodicals		1,000		691	40	269
Handbook, 1910	1910	1,000		950		50
						-

The distribution of one copy of each catalogue card to the Armour Institute of Technology, Chicago Public Library, Field Museum of Natural History, Library of Congress, Northwestern University, Princeton University, University of Chicago, University of Illinois, and University of Michigan, and of a selection to the American Institute of Mining Engineers and the U.S. Geological Survey, has been continued. Orders for cards on special subjects have been received from thirteen new sources, of which the most important are the Lane Medical Library, the

Chicago Board of Health, the Bureau of Railway Economics, and the University of Minnesota.

In addition, orders have been received from Yale and Columbia Universities for one copy of all titles printed by the Library, and arrangements have been made to send similar sets to the Institut International de Bibliographie at Brussels in exchange for Belgian documents, to the State Library at Albany in exchange for New York documents, and to Harvard University in exchange for its printed cards. These orders and exchanges have made necessary the reprinting of many of the older titles, and the probability of future orders makes it seem desirable to electrotype all titles as was done for several years. About one-fourth of these sets have been sent out. In all, 85,275 cards have been sent to the depository libraries, 5,223 sent as gifts, and 81,015 sold or sent in exchange. From the Library of Congress there have been received 42,839 cards, making a total of 433,058 in the depository catalogue.

Selection and Ordering. The selection of new works is fairly up to date, and substantial progress has been made in the revision of the older selected titles. The ordering has again been greatly delayed, partly by the illness and absence of the Librarian and partly by a long absence of one of the assistants. Probably no great increase in the arrears has occurred, but certainly they have not been diminished as was hoped.

During the year 8,294 orders were given. Of these 851 failed or were canceled, leaving 7,443 valid orders, covering 16,336 volumes at an estimated cost of \$20,103. Of outstanding orders, 8,264 were filled, covering 18,440 volumes at a cost of \$20,148. There are left outstanding 2,363 orders, at an estimated cost of \$4,355; of these 618 were given before January 1, 1910. The distribution of the orders of the year, of the total to the end of 1910, and the estimated cost to the nearest dollar, are given in the second table of library statistics. The estimates for the orders for the year and for back orders are corrected separately as orders are filled or canceled, so that the total now reported is not the sum of that previously reported and the new orders.

Accessions. The total accessions of volumes for 1910 have been 17,758, of which 3,967 have been received as gifts and

13,791 obtained by purchase. Volumes made by binding serials are included in these figures. There have been withdrawn 886 volumes, leaving the net accessions for the year 16,872, which, with the 251,281 reported for 1909, make a total now on the books of 268,153. There remain to be entered the Laufer purchase and considerable portions of the Gerritsen, Geibel, and Martin purchases.

The accessions of maps and plates for 1910 were 1,198, and the total entries 2,781.

There have been few pamphlets obtained by purchase, but the number received as gifts was 25,038, far greater than any previous record. Author slips for 7,026 titles were filed in the official catalogue and the classified collection has been increased by 9,418 pamphlets. The last number includes the preceding but these two have no necessary connection with the first. Many of the pamphlets received are duplicates and many more are continuations or for various reasons are put elsewhere than in the pamphlet collection. On the other hand, many pamphlets already in the Library have been classified and entered in the official catalogue. Of the 9,418 net accessions in the classified collection, 1,070 were from the Senn Collection, some 1,970 from the unclassified material in the Department of Medical Sciences, and some 2,560 from other accumulations, leaving some 3,800 as the new accessions of the year. The total in the Library is approximately \$1,000. Their classification is shown in the second table of library statistics.

The following table shows the distribution of the net accessions for 1910 and of the totals entered, by departments, together with the percentages of the bound volumes:

		1010			TOTAL	
DEPARTMENT	Volumes	Per cent.	Pamphlets	Volumes	Per cent.	Pamphlets
Unclassed	30			15,758		38,100
General Works	1,941	12	1,504	35,620	14	8,341
Social Sciences	5,355	32	2,842	62,186	25	12,830
Physical Sciences		7	375	22,854	9	1,352
Natural Sciences	1,407	8	492	26,511	II	1,821
Medical Sciences	3,370	20	3,459	54,120	21	13,241
Applied Sciences	3,614	21	746	51,104	20	5,268
Total	16,872		9,418	268,153		80,953

The periodicals currently received are 3,240, of which 723 are received as gifts and 2,517 by subscription, at an estimated yearly cost of \$9,158.49. Their classification is shown in the second table of library statistics.

The assistant in charge of the Continuation Record reports 1,521 titles added to the list and 231 withdrawn, leaving 8,595 at the end of the year. About 3,380 are obtained by subscription, at a cost in 1910 of \$4,630.09. These furnished 1,488 volumes entered on the record of accessions. The other continuations were received as gifts or in exchange, and furnished 1,518 volumes. There was an increase of more than 17 per cent in the number of titles in the record, and yet almost twice as much work as even in 1909 was done in trying to keep the files complete. For the gifts 1,454 first and 123 second requests were sent and 75 reported to the Librarian for personal letters. For the purchases 306 first and 22 second notifications were sent and 2 reported to the Librarian.

There is but one considerable purchase to be noted. Dr. Berthold Laufer has finished his purchase of works in the languages of Eastern Asia. From his report the following facts are taken. The collection made for this Library consists of 825 works in 14,055 volumes, selected with regard to the scope of the Library and distributed as follows: General Works, 363 Social Sciences, 274; Physical Sciences, 31; Natural Sciences, 38; Medical Sciences, 95; Applied Sciences, 24. As to language, 655 are Chinese, 74 Japanese, 22 Manchurian, 15 Thibetan, 3 Mongol, and 56 in other languages. Of manuscripts there are four and of early printed books, 48; the oldest is a medical work of the 12th century. Taken together with the collection of about equal size made for the Newberry Library in the subjects within its field, the total is, in Dr. Laufer's opinion, worthy to rank with the European collections of Chinese literature. No definite plans for the utilization of these works can be made at present, but it is probable that a joint catalogue will be issued.

Rather more than the usual number of sets of periodicals have been completed. Among them are: Annales de l'Observatoire de Bordeaux, Anales de la Sociedad española de historia natural, Archiv für experimentelle Pathologie, Archiv für Psychiatrie, L'astronomie, British medical journal, Boletim annual da Sociedada Broteriana, Bullettino della Società toscana di orticultura, Der chemische Ackerman, Centralblatt für die gesammte Therapie, Jahrbuch der praktischen Medicin, Jahrbuch des

Naturhistorischen Landesmuseums zu Kärnten, Mémoires de l'Académie des sciences morales et politiques (Paris), Metal worker, Minutes of proceedings of the Royal Artillery, Pharmaceutische Centralhalle, Publications de la Société des sciences et arts (Vitryle-François), Vierteljahrsschrift für gerichtliche Medizin, the publications of the Geological Survey of Sweden, of the Zi-kawei Observatory, and of the Observatory at Batavia. The set of Canadian Sessional Papers has been made nearly complete, and considerable additions have been made to the files of insurance reports and of North Carolina documents. Many Minnesota and Oregon documents have been received in exchange.

The number of gifts, both books and pamphlets, and the number of donors continue to increase remarkably. There were received 8,106 volumes and 25,038 pamphlets from 2,642 donors. The volumes entered in the accession record were 3,967. The figures for 1909 were 3,908 volumes, 11,484 pamphlets, 2,271 donors, and 4,773 entries.

The effort of the Medical Reference Librarian to enlist the interest of the medical profession of the city in the development of the Library has been rewarded by many gifts. The following may be mentioned as making unusually large contributions: American Medical Association, Cook County Hospital, the Chief Surgeon of the Department of the Lakes, Mrs. Geo. F. Shears, and Drs. Karl Beck, J. H. Byrne, F. S. Crocker, Nathan Davis, J. C. Johnson, A. C. Klebs, D. Liebarthal, H. N. Moyer, Emil Ries, E. B. Tureur, and C. H. Von Klein. Large collections of material on non-medical subjects have been received from the Chicago School of Civics and Philanthropy, Mr. Lyman A. Cooley, Mrs. F. W. Mercer, Northwestern University, and the Van Cleef Bureau, and a file of its Annual Reports from the N. Y. Produce Exchange. To the Classifier, Mr. J. C. Bay, the Library is indebted for a copy of Die Bildnisse Albrecht von Hallers, by Artur Weese.

Duplicates. One very large transaction is to be noted. The Library disposed of all its duplicates in the medical and natural sciences, estimated at 10,000 volumes, to a dealer for \$1,300. Other small sales amounted to \$23.00. On priced exchange 60 bound volumes, 73 unbound, and 22 pamphlets, valued at \$58.75 have been sent; 10 volumes and 118 pamphlets, valued at \$19.80

have been received: on piece exchange 323 bound volumes, 25 unbound, 66 pamphlets and 24 numbers have been sent; 457 bound volumes, 781 unbound, 289 pamphlets, and 1,158 numbers have been received. In addition, there have been sent to the Oregon State Library 521 bound volumes, 150 unbound, and 229 pamphlets, in return for a considerable collection of older Oregon documents and the promise to send future issues.

Inventory. The seventh regular inventory has been begun and the shelves of the Department of Medical Sciences have been read. The result is quite satisfactory. Only 31 volumes are missing from the regular shelves and nine from the Senn Collection. The larger part of these are incomplete volumes in temporary binders and it is practically certain that most of them are simply misplaced or have lost their labels. Besides these, 59 serious misplacements were detected and rectified.

The record of losses is wholly out of the usual, both for good and bad. At the beginning of the year 118 volumes had been lost or taken from the Reading Room. Early in 1910 serious losses were discovered, bringing the total up to 162 before the thief was caught. From his room 55 volumes were recovered, thus showing that one man had taken more than one-third of all lost since the opening of the Library. At the same time 29 volumes belonging to the Public Library were recovered. Other unusual features in the case were the pains taken to obliterate the marks of ownership, the perforated title-pages, for instance, being replaced by reprinted copies, and the determination of the new possessor that the books should not again migrate, for his neatly printed book-plate bore the warning "Positively no loan of this book." He received a jail sentence of nine months. For some time it was hoped that the record of a previous year might be repeated and the books found outnumber those lost, but unfortunately some very serious losses have occurred in the latter part of the year. Eleven books have been taken from the stacks by means of call slips falsely filled out. Seven or eight of these were taken by three individuals, two of whom were caught, and one known to have left the city. One stolen book was returned to us by the St. Louis Public Library, on whose shelves it was found. Eleven previously reported missing have been found. The total losses for the year were 151, the total recoveries 72, leaving the net loss 79.

should be added that 54 of these are from the open shelves of the Senn Room, and are probably due to one or two individuals. It may be of interest to note that one thief, caught recently, had taken at least three copies of the same work. The earlier losses were mentioned in the report for 1909.

If the losses of books have been greater than usual, on the other hand those of periodicals and the losses by mutilation have been fewer. Only 20 numbers of periodicals are missing and five have been found to be mutilated. All but two have been replaced. The figures for 1909 were 40 and 14. Three mutilated books have been found.

Binding. On January 1, 1910, there were at the binderies 1,548 volumes, and 10,903 were sent during the year; 14 were returned as incomplete, and 11,613 bound; leaving 803 at the binderies December 31, 1910. About one-fifth were bound by the Newberry Library. The cost of binding was \$11,959.69, an average of \$1.03 per volume. The cost of shelf-marking the accessions of the year, together with a considerable amount of repairing, inserting book-plates, and similar work, was \$1,420.17.

Catalogues. The Cataloguer reports that during the year 5,570 new titles have been prepared for print; 283 new titles typewritten; 68 titles prepared for print to replace old typewritten titles, and 11 to replace Library of Congress titles; 4,876 titles received from the Library of Congress have been classified for the catalogues; 503 titles have been prepared for the cooperative analysis of serials. The total number of titles treated by the Cataloguer and Classifier and their assistants has been 12,960, a decrease of 370 over 1909. The titles reprinted in correction of errors were 38, and for other alterations 863. Cards for 6,032 new titles and 1,089 reprinted titles were received from the printer, electrotypes for 1,541 new titles, and 457 reprinted titles from the electrotypers. The total number of separate titles prepared for print to date is 77,180; of sets of cards received, 76,619; of electrotypes, 40,046.

The number of orders sent to the Library of Congress on triplicate order sheets was 8,211, and reports were received on 7,533, leaving 678 outstanding. There were cards for 2,576 titles on hand January 1, 1910; 5,550 were received during the year, and 4 were taken from the file of those previously with-

drawn; cards for 5,322 were used, and for 702 withdrawn from the file, leaving those for 2,106 on hand December 31. Of those withdrawn 596 titles were returned to the Library of Congress and 16 were replaced by reprinted cards. Of the 5,550 titles received, 668 were analytical titles from 278 serial publications. Of the 2,106 titles on hand, 448 are for book orders before 1910, 626 those of 1910, 171 regular standing orders and 861 for two special analytical orders.

The work of the Library in the co-operative analysis of serials has been continued. It has supplied 503 titles and has received cards for 2,693. Of the titles received, 643 have been filed in the public card catalogues; one copy of 1,031 filed in the official catalogue; and 608 have been sold.

There have been added 28,186 cards to the classed catalogue, which now contains some 116,400 titles on 300,560 cards, an average of 2.58 cards per title; 19,989 cards have been filed in the author catalogue, which now contains the same 116,400 titles on 206,300 cards, an average of 1.77 cards per title; 1,199 guides and 4,935 cards have been added to the subject index, which now contains 21,100 guides and 40,100 cards covering 92,600 titles, an average of 0.43 cards per title.

The distribution of the cards in the classed catalogue, by departments, is shown in the following table:

DEPARTMENT		CARDS
	1910	TOTAL
General Works	9,101	101,703
Social Sciences	7,593	73,695
Physical Sciences	1,605	23,256
Natural Sciences	2,519	36,802
Medical Sciences	3,495	17,139
Applied Sciences	3,873	47,965
Total	28,186	300,560

Of the 116,400 titles in the public catalogues about 75,500 are on cards printed by the Library, about 31,400 on Library of Congress cards, and about 9,100 on A. L. A. co-operative cards.

There have been added 9,360 cards to the index of government publications, making a total of 38,876 in this index. The index of analytical cards issued by the U. S. Bureau of Education has received 1,703 cards, and now contains 6,867 cards.

Work has been continued on the Senn Collection, the Gerritsen purchase, and the regular shelves of the Department of Medical Sciences. The last named contain no uncatalogued material except on the 376 shelves still arranged according to the Newberry Library classification. The uncatalogued portion of the Gerritsen purchase has been reduced to 280 shelves. The total number of shelves of arrears of all kinds is about 1,200.

Meetings. The Library was represented officially by the Librarian at the annual meeting of the Illinois State Academy of Science, at Urbana, February 18th and 19th; officially by the Librarian and Cataloguer, and unofficially by seven other members of the staff at the annual meeting of the American Library Association, at Mackinac Island, June 30th to July 6th; officially by the Librarian at the annual meetings of the National Association of State Libraries and of the Special Libraries Association at the same place and time; officially by the Librarian and unofficially by a senior assistant at the Congrès international de bibliographie et de documentation, and the Congrès international des archivistes et des bibliothécaires, at Brussels, August 25th to 31st; unofficially by the Librarian at the annual meeting of the Library Association (of the United Kingdom) at Exeter, September 5th to 9th; and officially by the Assistant Librarian at the annual meeting of the Illinois State Library Association at Rock Island, October 11th to 13th. The Library was also represented officially by the Librarian at the laying of the corner-stone of the Harper Memorial Library of the University of Chicago, June 14th.

Staff. The changes in the staff have been unusually numerous and injurious to the service. This could not but be the case when in a total of fifty-three there were twelve resignations, six dismissals and five long absences. It is a source of additional regret that so many dismissals were found necessary. They are almost as many as in the whole previous history of the Library.

The following have resigned: Miss Selma Nachman, senior assistant; Misses Edith Ashmore, Grace McMahon, Mabel Ray, Anna D. White, Eveline C. Lyon, junior assistants; Miss Cariola Barker and Messrs. Clarence J. Griggs, J. R. Harry and E. F. Hess, attendants; Roy Jacobson and Ferdinand Bauer, pages. One junior assistant, four attendants and a page have been dis-

missed. To several who have left, the thanks of the Library are due for faithful and efficient service, and this is notably true of Miss Nachman.

The following appointments have been made: Mr. Edward D. Tweedell as Reference Librarian; Mr. Robert J. Usher as Assistant Reference Librarian; Misses Edna L. Goss, Alpha L. Owens and Elsa Neiglick as senior assistants; Misses Edith Ashmore, Louise Madsen, Mabel Ray, Clara B. Touzalin and Mr. Jacob L. Fox as junior assistants; Miss Hattie Fisch as temporary junior assistant; Miss Cariola Barker and Messrs. Erick Ryander, F. D. Hedges, J. R. Harry, E. F. Hess and Julius Clemens as attendants; Thomas White, Geo. J. Krueger, August Huntscha, Hans Kleinert and Fred Stuehler as pages.

The following have given temporary service: Misses Mary Elliott, Belle B. Gormley and Julia A. Baker and Messrs. Oscar Norman, Marcus Skarstedt and John C. DeWolfe as junior assistants; Misses Marion Goodman, Huldah C. Thygesen, Elsebeth Martens, Margery C. Cooper and Dorothy S. Clark and Messrs. A. F. Gronberg, W. E. Boyd, R. C. Eaton and M. A. Brown, as attendants.

To both the old and the new members, who have worked hard to lessen the bad effects of the changes noted above, the thanks of the Library are due.

Respectfully submitted,
CLEMENT W. ANDREWS,

CHICAGO, January 19, 1911.

Librarian.

LIBRARY STATISTICS: I

# RECORD OF ATTENDANCE AND USE FOR 1910

IN- CREASE PER CT.	1 60	 91 *	L F
Тотац	134,579	11,575         10,750         11,799         10,042         9,309         7,749         8,087         8,827         9,865         11,120         13,176         12,511         124,819         107,006           445         448         437         386         358         298         311         327         379         428         507         463         399         343           1,977         1,359         2,009         1,850         1,675         1,469         1,618         1,675         1,701         1,714         19,990         20,261           76         77         64         58         57         53         62         64         65         64         65	2,437
Total 1910	138,353	124,819 399 19,990 64	2,430
DEC.	13,073	12,511 463 1,714 63	214
Nov.	13,441	13,176 507 1,701 65	239
Oct.	12,267	11,129 428 1,675 64	211
SEPT.	11,428	9,865 379 1,618 62	881
August	10,416	8,827 327 1,440 53	158
July	9,196	8,087 311 1,469 57	173
JUNE	9,992	7,749 298 1,503 58	135
Мау	10,698	9,309 358 1,675 64	164
MARCH APRIL	10,480	10,042 386 1,850 71	151
	12,880	11,799 437 2,009 74	245
FEB.	12,343	10,750 448 1,359 57	270
JAN.	12,139 467	11,575 445 1,977 76	282
	Visitors Daily Average	Calls for Books from Stack Daily Average	Visitors Admitted to Stack

Smallest attendance, 140 on Nov. 24th. Largest attendance, 863 on Mar. 12th.

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SUBJECTS				1	VOL	VOLUMES	PAMPHLETS	TETS					
	I	0161	Tc	Total	0161	Total	1910	Total		1910		0161	
	Vol.	Est. Cost*	Vol.	Est. Cost*	No.	No.	No.	No.	No.	Cost	Books	Period-	Stack
UNCLASSIFIED	4,650	\$ 1,039	54,813	\$57,365	30	15,758	1	38,100	1	1 1 1 1 1 1 1 1	919	1 1 1	1
I.—General Works:							,						
o Miscellaneous	26	216	2,079	600'9	17	1,092	299	4,589	7		3,170	205	98
I Bibliography	253	999	4,037	10,390	388	5,568	506	086	134		866	149	7
2 Library Économy	67	109	1,634	1,595	182	2,174	120	692	67	46 40	395	116	1
3 Cyclopedias	81	275	1,286	2,525	64	1,345	Ī	∞	Н		242	92	4
4 Collected Works of Authors .	IO	71	330	986	13	341	Ī	3	1	à	274	-	I
5 General Periodicals	34	64	3,031	3,645	188	5,027	154	295	104		3,411	4,150	6
6 General Societies	122	569	4,258	12,747	230	5,355	7	54	115		1,860	44	7
7 Exhibitions and Museums	46	162	1,394	1,477	59	1,407	II	321	23		400	12	7
	191	214	1,554	2,291	136	1,693	7	28	17		448	52	7
13, 15 Psychology	IOI	115	1,670	2,293	158	2,007	25	114	40	127 59	4,526	176	20
40 Philology	20	20	929	1,845	67	998	7	42	1	- 1	306	. 1	I
90 History and Geography.	240	523	5,440	11,297	355	6,635	284	1,152	∞		4,210	-	7
91 Cartography	53	160	1,531	3,265	84	2,110	18	63	33	92 65	610	233	91
3	1,345	\$2,860	29,173	\$60,339	1,941	35,620	1,504	8,341	549	\$1,377 21	20,850	5,229	157
II.—Social Sciences:													
17 Ethics	120	\$ 84	1,001	\$ 900	611	8001	63	350	7		1,331	23	17
20 Religion	52	73	533	773	30	687	30.	435	, ur		750	ာတ္	. !
30 General Works	189	333	3,521	3,048	237	3,088	41	252	51,		2,864	222	14
31 Statistics	180	242	2,347	3,066	212	2,619	7	37	37		503	91	7
32 Political Science	236	231	2,365	2,941	401	3,456	114	999	13		1,816	50	Ľ
33 Political Economy	868	871	9,650	9,445	1,121	11,480	384	3,565	176	297 94	7,471	1,341	52
	172	361	1,589	3,206	173	2,163	39	319	12		831	6	I
35 Administration (and Public			1	c	1	,			,		c		,
15	424	022	7,785	8,374	1,274	18,626	250	1,273	90	213 94	2,489	219	63
30 Associations and Institutions.	387	304	2,075	2,504	547	4,704	308	1,004	49		1,835	150	<b>-</b> \
37 Education	052	505	0,540	2,507	798	8,874	459	3,283	133		4,058	200	01
tion	0		7110	0,0	000		0.70	1	0		,	90.	
Cuctome Rollslose at	2,30	\$17 ***	0/1/2	0,040	330	4,010	2007	550	000	74 03	1,212	420	104
39 Customs, Forkiore, etc.	115	- 1		1,510	105	1,321	70	197	Iδ	- 1	1,500	52	-
	3,625	3,981	38,662	\$45,091	5,355	62,186	2,842	12,830	619	\$1,055 26	26,660	2,738	281
* To see to the dellar			,										

\* To nearest dollar.

Vol.   Est. Cost   Vol.   Est. Cost   Vol.   Cost   No.   No.   No.   No.   No.   Cost   Books   Feriod State							ACCESSIONS	SIONS		٥		,	,	
Vol.   Est. Cost   Vol.   Vol.   Est. Cost   Vol.   Est. Cost   Vol.   Est. Cost   Vol.   Vol.   Vol.   Est. Cost   Vol.   Est. Cost   Vol.   Est. Cost   Vol.   V	SUBIECTS		ORI	DERS		VOL	UMES	PAMPF	LETS	PER	ODICALS	KEC	ORDED (	SE
Vol.         EST.Cost         Vol.         EST.Cost         No.         No.         No.         Cost         Books         Period-lials		-	910	To	tal	0161	Total	1910	Total		1910		oibi	
1,	III.—Physical Sciences:	Vol.	Est.Cost	Vol.	Est.Cost	No.	No.	No.	No.	No.	Cost	Books	Period-	Stack
1,046   5,104   3,141   3,042   3,044   3,04	So General Works	16	\$ 204	4,037	\$ 6,735	122	3,790	37	∞ i	39	16	167	328	20,5
7         317 211         579 574         534 5484         9,668 9,668         25,67 25,67         135 11,55         6,138 25,67         6,138 11,55         6,138 25,67         6,138 11,55         6,138 25,67         6,138 25,67         135 11,75         135 25,87         135 25,87         135 25,87         135 25         135 25 <t< td=""><td>51 Mathematics</td><td>244</td><td>321</td><td>3,121</td><td>7.361</td><td></td><td>3,658</td><td>90</td><td>205</td><td>404</td><td></td><td>1,230</td><td>47</td><td>ý.r.</td></t<>	51 Mathematics	244	321	3,121	7.361		3,658	90	205	404		1,230	47	ý.r.
y         zii         373         5,484         9,668         z55         5,567         135         381         48         352         56         3,567         196         1           1,046         \$1,904         \$1,904         \$2,184         1,155         \$2,854         375         1,352         232         \$88         77         13,900         1,170         29           10ces         31         177         040         \$2,997         20         645         11         47         6         48         11         23         29           10ces         32         \$694         4,927         \$9,095         374         5,4825         22         290         89         31         20         1,79         1.70         1,79         1.70         1.30         1.70         1.70         1.70         1.70         1.70         1.70         1.70         2.0         1.70         2.0         1.70         2.0         1.70         1.70         2.0         1.70         1.70         1.70         1.70         1.70         1.70         1.70         1.70         1.70         1.70         1.70         1.70         1.70         1.70         1.70         1.70         <	53 Physics	357	579	5,394	6,607		6,383	96	619	65		5,977	812	54
1,046   5 1,904   21,396   540,184   1,155   22,854   375   1,352   232   5 898 77   13,900   1,170   20	54 Chemistry and Mineralogy	211	373	5,484	899,6		5,567	135	381	48		3,567	961	134
1.522   5 694   4.927   5 9.095   374   5 9.495   198   402   645   11   47   640   645   11   47   640   645   11   647   645   11   647   645   11   647   645   11   647   645	V V V V V V V V V V V V V V V V V V V	1,046	49	21,396		1,155	22,854	375	1,352	232	868	13,900	1,170	277
Sciences 31 177 640 2,997 20 645 11 47 6 - 48 01 134	55 Geology	522		4,927		374	5,498	198	402	95	344	2,330	29	38
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	56 Paleontology		177	640	2,997	50	645	1 I	47	9		134	i	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	in General			7,530			7,933	92	317	<u> 1</u> 67			99	83
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Wash	22	vey, Perth, W. A	4
Washington State Normal School, Chaney, Wash	1	Western Australia, Government Labour Bureau, Perth, W. A	I
Washington, Supt. of Public In-		Western Australia, Registrar Gener-	
struction, Olympia, Wash Washington University, St. Louis,	7	al, Perth, W. A	20
Mo	7	Labour Bureau, Perth, W. A	I
Mo	,	Western Classification Committee,	
Training School, St. Louis, Mo Watertown, Free Public Library,	3	Chicago, Ill	2
Watertown, Mass	I	<i>Ill</i>	2
Watt, Charles E., Chicago, Ill	1	Western Reserve University, Cleve-	
Webster, Dr. George W., Chicago,	62	land, O	4
Ill Wedderburn, A. J., Alexandria,	-	cago, Ill	7
Va Weekly Free Press, Cork, Ireland	4	Western Surgical and Gynecologi-	
Welch, Dr. John, Edgar, N. Y	I	Minn	2
Wellcome Chemical Research Labor-	-	cal Association, Minneapolis, Minn.  Western Theological Seminary,	
atories, London, Eng	18	$Cnicago, Im \dots \dots \dots \dots$	1
Wellesley College, Wellesley, Mass. Wellington, Dr. Stewart, Chicago,	I	Western Theological Seminary, Oriental Society, Chicago, Ill	I
Ill	12	West Hartlepool Public Library	•
Ill. Wells College, Aurora, N. Y.	1	Committee, West Hartlepool,	
Wells, William De Witt, Davenport,	I	Westinghouse Electric and Manu-	2
Wenzlick, Dr. William, Milwaukee,	•	facturing Co., East Pittsburg,	
Wis	1	Pa Westinghouse Machine Co., East	14
Werber, Dr. Gustavus, Washington,	2	Pittsburg, Pa	I
D. Ć	75	Westminster College, Fullon, Mo	4
		Westminster Public Libraries, Lon-	_
Eng Wesleyan University, Middletown,	I	Wheeler, Everett P., New York,	Ι
Conn	4	N. Y	1
Westborough Insane Hospital,		White, C. B., & Co., Chicago, Ill	5
Westborough, Mass	I	Whitford, Dr. H. N., Manila, P. I. Whitman, William & Co., Chicago,	I
Chicago, Ill	2	Ill	1
West Indies, Imperial Dept. of Agri-		Whitney, Dr. William Fiske, Bos-	
culture, Barbados, W. I West Virginia, Adjutant-General,	5	ton, Mass	
Charleston, W. Va	2	ton, D. C portra	iit
West Virginia, Bureau of Labor,	_	Williams, W. B., Chicago, Ill Williams College, Williamstown,	2
Wheeling, W. Va	2	Mass	7
Banking Charleston W Va	6	Williamsport, Board of Trade, Wil-	
West Virginia, Dept. of Free Schools, Charleston, W. Va	2	liamsport, Pa	3
West Virginia, Dept. of Mines,	2	Mass	4
Charleston, W. Va	I	Willits, Dr. I. P., Germantown, Pa	Í
West Virginia, Forest, Game and Fish Warden, Belington, W. Va	4	Wilmington, Board of Health, Wil- mington, Del	1
West Virginia, Secretary of State,	4	Wilmington Institute Free Library,	4
West Virginia, Secretary of State,  Charleston, W. Va	2	Wilmington, Del	3
West Virginia, University, Library, Morgantown, W. Va	2	N. Y	Ţ
Western Association of Technical	-	Wilson, Dr. R. C., Chicago, Ill	8

Volume Pamphl		Volumes Pamphle	
Wilson, Mrs. Lelia Waterhouse,	0 000	Wisconsin, State Supt. of Education,	
Chicago, Ill	2	Madison, Wis	2
Windsor Public Library, Windsor,		Wisner, Carl V., Chicago, Ill	2
Ont	I	Wistar Institute of Anatomy, Phila-	
Ont. Winfield, Dr. James Macfarlane, Brooklyn, N. Y		delphia, Pa	4
Brooklyn, N. $Y$	3	Witkowitzer Bergbau- und Ei-	
Winnetka Public Library, Winnet-		senhütten-Gewerkschaft, Witko-	
ka, Ill	I	witz, Austria	2
Winona Assembly and Schools, Wi-		Woman's College of Baltimore,	
nona Lake, Ind	I	Baltimore, Md	2
Winona Technical Institute, Indian-		Women's Canadian Historical So-	
apolis, Ind	1	ciety, Ottawa, Ont	I
Wisconsin Agricultural Experiment	_	Women's Foreign Missionary So-	
Station, Madison, Wis	67	cieties of the Presbyterian	
Wisconsin Archæological Society,		Church, New York, N. Y	I
Milwaukee, Wis	1	Women's Trade Union League, Lon-	_
Wisconsin Butter Makers Associ-		don, Eng	3
ation, Maaison, Wis	4	Wood, C. W., Worcester, Mass	2
Wisconsin, Clay Manufacturers	_	Wood Preservers Association,	_
Association, Madison, Wis	I	Woodall, Dr. Percy H., Birming-	2
Wisconsin, Commissioners of the Geological and Natural History		ham Ala	
	<b>≠ Q</b>	ham, Ala	I
Survey, Madison, Wis	18	Woodbury John Lann Mass.	I
mission, Madison, Wis	т.	Woodbury, John, Lynn, Mass Worcester, Board of Park Commis-	
Wisconsin Dept of Education	1	sioners, Worcester, Mass	1
Wisconsin, Dept. of Education,  Madison, Wis  Wisconsin, Dept. of Insurance,	8	Worcester County Law Library,	-
Wisconsin Dept. of Insurance	U	Worcester, Mass	Л
Madison, Wis	7	Worcester Free Public Library,	7
Wisconsin, Dept. of State, Madison,	•	Worcester, Mass	2
W18	2	Worcester Polytechnic Institute,	_
Wisconsin Free Library Commis-	_	Worcester, Mass	2
sion, Madison, Wis	22	Workeingmen's Institute, New Har-	
Wisconsin, Insurance Commission,		mony, Ind	2
Madison, Wis	I	mony, Ind	
Wisconsin, Legislature, Special		ington, Eng	I
Committee on Banking, Madi-		Worthington Society for the Study	
son. Wis	I	of Bird Life, Shawnee-on-Dela-	
Wisconsin Medical Journal, Milwaukee, Wis		mare N. I	I
waukee, Wis	I	Wright, Edwin P., Chicago, Ill Wright, Henry P., New Haven,	I
Wisconsin Natural History Society,			
Milwaukee, Wis	I	Conn	Ι
Wisconsin Railroad Commission,  Madison, Wis Wisconsin, Secretary of State, Mad-		Wright, R. R., Jr., Philadelphia, Pa.	Ι
Madison, Wis	110	Wyndham, A., New York, N. Y	I
Wisconsin, Secretary of State, Mad-		Wyoming Agricultural Experiment	_
ison, Wis	I	Station, Laramie, Wyo Wyoming, Commissioner of Public	3
Wisconsin, State Board of Agricul-		Lands, Cheyenne, Wyo	
ture, Madison, Wis	I	Vale Law Journal New Haven	I
of Reformatory, Charitable and		Yale Law Journal, New Haven, Conn	т
Penal Institutions, Madison, Wis.	2	Vale University New Haven Conn	9
Wisconsin, State Board of Forestry,	2	Yale University Library, New Ha-	7
Madison, Wis	3	ven Conn	3
Wisconsin, State Board of Health,	J	ven, Conn	J
Madison, Wis	2	Haven, Conn	2
Madison, Wis	_	Haven, Conn	
Madison, Wis	14	guchi, Japan	4
Wisconsin State Horticultural So-		guchi, Japan Yerkes Observatory, Williams Bay,	
ciety, Madison, Wis	3	Wis	2
ciety, Madison, Wis Wisconsin State Normal School,		York Public Library, York, Eng	2
Milwaukee, Wis	2	Young & Sons, Philadelphia, Pa	4

or Volumes or S. Pamphlets.
Zeutmayer, Dr. W., Philadelphia, Pa. 8
3 Ziegel, Dr. H. Fred Lange, New
York, N. Y 1
Zoologische Gesellschaft, Hamburg,
Germany 4
I Zurich, Stadtbibliothek, Zurich,
I Switzerland 2
3

#### REGULATIONS

The Library is a free public reference library, open to readers every day, excepting Sundays, from 9 A. M. to 10 P. M.

Satchels, suit cases, bags, etc., must be checked in the Cloak Room. Outer garments, umbrellas, and packages may be, and in wet weather must be, so checked. No charge is made for the service. The Library will not hold itself responsible for unchecked articles nor for any articles left over night.

Books shelved in the Reading Room and in the Senn Room, except as noted below, may be consulted without formality, but after use are to be left on the tables, instead of being replaced on the shelves.

Current periodicals, except those on the Medical Sciences, may be consulted within the periodical alcove, and may be obtained for use at the tables in the Reading Rooms by presenting at the periodical desk serial call-slips properly filled out. Current medical periodicals are shelved in the Senn Room and may be consulted there.

Books not shelved in the Reading Rooms may be obtained by presenting to the Delivery Clerk book call-slips properly filled out. These books are to be returned to the delivery desk.

Persons engaged in special research, if satisfactorily vouched for, may be admitted to the Stack Rooms. Application for this privilege should be made to the Reference Librarians. All books used under this provision are to be left on the tables in the Stack Rooms.

Books not suitable for general use may be consulted only upon registration and statement of satisfactory reasons, and those of great value or rarity only in the presence of an attendant.

Writing or marking in books belonging to the Library, their mutilation in any manner, and their removal from the Library, are forbidden. The tracing of plans will be permitted if done over a celluloid cover, but not otherwise. The covers will be furnished upon application at the delivery desk.

The officials of the Library are authorized to exclude any person of unseemly behavior or appearance, and any one wilfully violating its regulations.

The Reference Librarians, in charge of the Reading Rooms, will give assistance in the use of the library.

#### PUBLICATIONS IN PRINT

9

No bills are rendered. Orders should be accompanied by postal money order or stamps.

Annual reports. First to sixteenth for the years 1895-1910. Chicago 1897-1911. Sent gratis on request.

The First report contains Record of Organization; the Second, Memorial of Edson Keith; the Fourth, By-laws of the Corporation; the Fifth, Memorial and portrait of Norman Williams; the Sixth, Memorial and portrait of Huntington W. Jackson; the Seventh, Act and Ordinance authorizing the Library to erect and maintain a free public library on the Lake Front Park; the Ninth, "Act concerning free public libraries in public parks"; the Eleventh, Memorial and portrait of Marshall Field, and "Ordinance concerning The John Crerar Library"; the Thirteenth, Memorials and portraits of Albert Keep and Dr. Nicholas Senn; the Fourteenth, By-laws of the Corporation; the Fifteenth, Report of the Special Committee on Site.

Printed catalogue cards for the titles of all books in the Library. Price \$3.00 a thousand for one copy of every title from the beginning or from any later date; one cent each for all titles on a given subject; two cents each for a selection.

A list of current periodicals in the Reading Room, June, 1902. Chicago 1902. 97 p. Price 10 cents; by mail 15 cents.

A list of books on industrial arts, October, 1903. Chicago 1904. 249 p. Price 20 cents; by mail 30 cents.

A list of cyclopedias and dictionaries, with a list of directories, August, 1904. Chicago 1904. vi, 272 p. Price 20 cents; by mail 30 cents.

A bibliography of union lists of serials. Chicago 1906. 28 p. Price 5 cents; by mail 10 cents.

A list of books exhibited December 30, 1907—January 4, 1908, including incunabula and other early printed books in the Senn Collection. Chicago 1907. 32 p. Price 5 cents; by mail 10 cents.

A list of books in the Reading Room, 1909. Chicago 1909. viii, 488 p. Price 25 cents; by mail 50 cents.

A list of current medical periodicals and allied serials, December, 1909. Chicago 1910. 25 p. Price 5 cents; by mail 10 cents.

Handbook, 1910. Chicago 1910. 16 p. Sent gratis on request.

A list of histories of science. In press.

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Library Seneral

# THE

# JOHN CRERAR LIBRARY

SEVENTEENTH ANNUAL REPORT

FOR THE YEAR

1911



CHICAGO
PRINTED BY ORDER OF THE BOARD OF DIRECTORS
1912



UNIVERSITY OF ILL:NOIS



## THE

# JOHN CRERAR LIBRARY

# SEVENTEENTH ANNUAL REPORT

FOR THE YEAR

1911



CHICAGO
PRINTED BY ORDER OF THE BOARD OF DIRECTORS
1912



# OFFICERS, 1912

# President PETER STENGER GROSSCUP

First Vice-President Thomas D. Jones

Second Vice-President ROBERT FORSYTH

Secretary
LEONARD A. BUSBY

Treasurer
William J. Louderback

Librarian
CLEMENT W. ANDREWS

### BOARD OF DIRECTORS

E. W. BLATCHFORD
ROBERT T. LINCOLN
HENRY W. BISHOP
JOHN M. CLARK
FRANK S. JOHNSON
PETER STENGER GROSSCUP

Marvin Hughitt Thomas D. Jones John J. Mitchell Leonard A. Busby Robert Forsyth Chauncey Keep

FREDERICK H. RAWSON

CARTER H. HARRISON, Mayor of Chicago, ex-officio JOHN E. TRAEGER, Comptroller of Chicago, ex-officio

#### STANDING COMMITTEES

Finance

JOHN J. MITCHELL

CHAUNCEY KEEP

MARVIN HUGHITT

Administration E. W. BLATCHFORD

LEONARD A. BUSBY

FREDERICK H. RAWSON

Buildings and Grounds

JOHN M. CLARK

HENRY W. BISHOP

ROBERT T. LINCOLN

Books

FRANK S. JOHNSON

THOMAS D. JONES

ROBERT FORSYTH

# DIRECTORS, 1894—1912

NORMAN WILLIAMS		-		-		-		-		-	18941899*
HUNTINGTON W. JAC	KS	ON			-		-		-		18941901*
MARSHALL FIELD		-		-		-		-		-	1894-1906*
E. W. Blatchford	-		-		-		-		-		1894
T. B. Blackstone		-		-		•		-		-	1894-1899†
ROBERT T. LINCOLN	-		-		-		-		-		1894—
HENRY W. BISHOP		-		-		-		-		-	1894
EDWARD G. MASON	-		-		-		-		-		18941895†
ALBERT KEEP -		-		-		-		•		-	1894—1907*
Edson Keith -	-		-		-		-		-		18941896*
Simon J. McPherson		-		-		-		-		-	18941899†
JOHN M. CLARK -	-		-		-		-		-		1894
George A. Armour		-				-		-		-	1894—1899†
Frank S. Johnson	-		-		-		-		-		1896
PETER STENGER GRO	SSO	CUI	9	-		-		-		-	1897
ARTHUR J. CATON	•		-		-		-		-		19001904*
Marvin Hughitt -		-		-		-		-		-	1900—
Thomas D. Jones	-		-		-		-		-		1900-
JOHN J. MITCHELL -		-		-		-		-		-	1900—
Leonard A. Busby	-		-		-		-		-		1901—
Robert Forsyth -		-		-				-		-	1905
CHAUNCEY KEEP	-		-		-		-		-		1906—
Frederick H. Raws	ON			-		-		-		-	1908
*Deceased											+Resigned

# OFFICERS, 1895-1912

#### Presidents

	Pre.	sia	en	ts					
NORMAN WILLIAMS	-	-		~		_		-	1895—1899
HUNTINGTON W. JACK	SON		-		-		-		1900—1901
PETER STENGER GROS	SCUP	-		-		-		_	
Firs	t Vice	e- F	re.	sia	len	ts			
EDWARD G. MASON -	-		-		-		-		1895
HUNTINGTON W. JACK	SON	-		-		-		-	18961900
Peter Stenger Gross	SCUP		-		-		-		1900-1901
HENRY W. BISHOP	-	-		-		-		-	1901-1910
Thomas D. Jones -	-		-		-		-		1911—
Secon	d Vi	ce-	Pr	esi	de	nts	7		
Marshall Field -	-	-		-		-		_	1895—1899
Peter Stenger Gross	SCUP		-		-		-		1899—1900
HENRY W. BISHOP	-	-		-		_		_	1900-1901
Thomas D. Jones -	-		_		-		_		1901—1911
ROBERT FORSYTH -	-	-		-		_		_	1911—
	Secr	eta	ıri	es					
George A. Armour					_		-		1895—1900
ARTHUR J. CATON	-	-		-		-		-	1900—1904
LEONARD A. BUSBY -	-		-		-		-		1905—
									•
	Trea	su	rei	۲					
WILLIAM J. LOUDERBA	CK	-		-		_		_	1895—
	Libr	ar	ian	t					
CLEMENT W. ANDREWS	5 -		-		-		-	E	1895—

# LIBRARY STAFF, 1912

Librarian	CLEMENT W. ANDREWS
Assistant Librarian	
Reference Librarian	EDWARD D. TWEEDELL
Cataloguer	AKSEL G. S. JOSEPHSON
Medical Reference Librarian	
Classifier	J. CHRISTIAN BAY
Assistant Reference Librarian	Robert J. Usher
Assistant Cataloguer	Mary E. Hawley
Assistant Cataloguer	GERTRUDE FORSTALL
	GERTRODE FORSTALL
Senior Assistants	
EDITHA C. PHELPS	HARRIET HOLDERMAN
SARAH S. DICKINSON	GENEVIEVE DARLINGTON
CHARLOTTE H. FOYE	Bruno Wilke
ELIZABETH MONTROSS	MARGARET FURNESS
JENNIE A. HULCE	GRACE KELLEY
WILLIAM TEAL	ALPHA L. OWENS
WILLIAM A. BRENNAN	Elsa Neiglick
Junior Assistant.	c
Mabel Hayward	Helen D. Brown
CORNELIA C. WHITE	JACOB L. FOX
Mary B. Hibbard	HENRY BAHNSEN
ALBERTA M. WHIDDEN	A. Frederic Gronberg
RUTH WOOLMAN	MARGERY C. COOPER
CLARA B. TOUZALIN	HARRIET E. PENFIELD
MARY L. REIDE	
MARY L. REIDE	K
Attendants	
JOHN A. KRAUTH	ARTHUR E. OLSON
ALICE BROWN	PAUL BRENNAN
Elsebeth Martens	JESSE T. GRAYSTON
Julius Clemens	EDSON A. FREEMAN
ROSCOE C. EATON	Moe A. Natanson
August Huntscha	HANS KLEINERT
George J. Krueger	WILLIAM ZIMMERMANN
Benjamin Jaffe	
DENJAMIN JAFFE	
Janitor	
William J. Jone	S
Assistant Janitor	s
WILLIAM CHAPPELL	August Carlson
,	
6	

## REPORT OF THE PRESIDENT

TO THE GOVERNOR OF ILLINOIS:

In accordance with the provisions of an act entitled "An Act to encourage and promote the establishment of free public libraries in cities, villages, and towns in this state," approved June 17, 1891, under which this corporation is organized, the Directors of The John Crerar Library submit their seventeenth annual report, for the year 1911.

As a result of the municipal election in April, the ex-officio membership of the Board of Directors has been changed, and the Board is now composed of the following persons: E. W. Blatchford, Robert T. Lincoln, Henry W. Bishop, John M. Clark, Frank S. Johnson, Peter Stenger Grosscup, Marvin Hughitt, Thomas D. Jones, John J. Mitchell, Leonard A. Busby, Robert Forsyth, Chauncey Keep and Frederick H. Rawson, together with Carter H. Harrison, Mayor of Chicago, and John E. Traeger, Comptroller, ex-officio members.

The officers of the Library are as follows: President, Peter Stenger Grosscup; First Vice-President, Thomas D. Jones; Second Vice-President, Robert Forsyth; Secretary, Leonard A. Busby; Treasurer, William J. Louderback; Librarian, Clement W. Andrews.

The Supreme Court of Illinois having denied the petition for a rehearing in the cases involving the right of the Library to build on Grant Park, the Directors appointed a special committee to consider and report on the question of the permanent location of the Library. This Committee has held several meetings and has considered many plans, but as yet has submitted no final report.

The year has seen the usual growth of the Library and also the steady increase in the use made of it by the public. It now contains 286,829 volumes, 3,059 maps and plates, and some 88,600 pamphlets. It receives currently 3,426 periodicals and 9,587 other serial publications. The total use was more than

477,000 books and periodicals, and the recorded attendance was 143,858. For further details reference is made to the appended report of the Librarian.

The report of the Treasurer, also appended, presents the statement of the income and expenditure for the year 1911, together with a statement of the assets and investments, as required by law.

Respectfully submitted,

PETER S. GROSSCUP,

President.

CHICAGO, January 18, 1912.

# REPORT OF THE TREASURER

# STATEMENT OF FINANCES FOR YEAR 1911

### CASH

Cash on hand January 1, 1911:  In bank \$ 46,664.93  Librarian, petty cash 161.85	\$ 46,826.78
RECEIPTS	
Collections account income \$208,665.51  Huntington W. Jackson Fund, income  Bills Collectable 1,972.40  Investments:  Bonds 301,500.00 Farm Mortage Loans 2,000.00	\$561,004.69
DISBURSEMENTS	
Audited Vouchers \$157,390.17  Investments:  Bonds 192,500.00  Farm Mortgage Loans 101,877.62  Certificate of Deposit 100,000.00	\$551,767.79
Cash on hand December 31, 1911:  In bank \$ 9,105.05  Librarian, petty cash 131.85	\$ 9,236.90

### OPERATION

INCOME \$ 219,349.42 Huntington W. Jackson Fund, income - 40.00	
	\$ 219,389.42
EXPENSE	
Administration:	
Rent, Light, etc \$34,854.88	
Salaries, Wages 55,628.79	
Salaries, Wages 55,628.79 Supplies 2,603.38 Printing 5,874.68	
Printing 5,874.68	
Transportation, Postage 1,854.69	
Sundries 7,960.74 \$ 108,777.16	
Books:	
Books \$23,552.12	
Periodicals 9,778.69	
Binding 10,945.00 Lettering, Repairs - 1,512.36 45,788.17	
Lettering, Repairs - 1,512.36 45,788.17	
Buildings and Grounds:	
Repairs \$ 596.31	
Depreciation 2,916.85 3,513.16	\$ 158,078.49
Surplus for year 1911	\$ 61,310.93
ASSETS	
Bonds \$2,976,217.28	
Stocks 695,317.92	
Mortgage Loans 475,000.00	
Farm Mortgage Loans 201,055.00	
Certificate of Deposit 100,000.00	
Furniture and Fixtures 26,251.66	
Book Investment 452,623.80	
Accounts Receivable 11,997.62	
Bills Collectable 1,287.39	
Medical Library Purchase Suspense - 28,000.00	
Cash 9,236.90	
Total	\$4,976,987.57
LIABILITIES	
Endowment Fund	
Endowment Fund \$3,500,000.00 Building Fund 1,006,967.56	
Building Fund 1,006,967.56 Book Fund 452,623.80	
Book Fund 452,623.80 Security Reserve Fund 13,714.94	
Security Reserve Fund 13,714.94 Huntington W. Jackson Fund - 1,000.00	
Book Purchase Reserve 2,681.27	
DOOR I dichase Reserve - 2,001.27	
Total	\$4,976,987.57
	***************************************

In accordance with the instructions of the Board of Directors, the Building Fund has been increased by the amount of the surplus for the year, \$61,310.93, less the balance of \$2,251.83, from appropriation for books, etc., carried to Book Purchase Reserve and less the sixth annual charge of \$7,000.00 against the Medical Library Purchase Suspense Account, making a total to the credit of the Building Fund of \$1,006,967.56.

The Book Fund has been increased by the amount of the investment during the year, less depreciation, and now stands at \$452,623.80.

The income of the Huntington W. Jackson Fund has been expended for books.

Insurance is in force covering the property of the Library in amounts as follows:

Books -	-	-	-	-	-	-		\$364,500.00
Portraits,	Furnitu	re,	Fixtu	ıres,	and	Deco	ora-	
tions	-	-	-	-	-			28,000.00
Type and	Cases		-	-	-	-	-	4,500.00
								\$397,000.00

WM. J. LOUDERBACK,

Treasurer.

CHICAGO, January 18, 1912.

To the Board of Directors of The John Crerar Library.

Dear Sirs:—We have audited the books and accounts of The John Crerar Library for the year ending December 31, 1911; have examined and priced all securities, which we find to have an aggregate market value largely exceeding the book values, and have verified the cash on hand and in banks.

We accordingly certify that, in our opinion, the attached statements truly exhibit the cash receipts and disbursements and the operating income for the said year, and the assets and liabilities at its close.

THE AUDIT COMPANY OF NEW YORK,

G. H. McVicker,

CHICAGO, January 29, 1912.

Western Manager.

# REPORT OF THE LIBRARIAN

TO THE BOARD OF DIRECTORS OF THE JOHN CRERAR LIBRARY.

Gentlemen:—There have been few features of special interest in the working of the Library during the past year. Nevertheless, the amount of the work done for the public has increased noticeably and the collections of the Library have been materially improved.

Rooms. A bronze tablet in memory of the late Huntington Wolcott Jackson has been presented to the Library and formally accepted by the Board. It was unveiled at the quarterly meeting in June, and personal invitations to view it were sent by the Library to a number of Colonel Jackson's friends. It has been placed on the wall at the left of the entrance to the rooms of the Library, and a suitable place is to be provided for it in the permanent building.

The indirect system of lighting has been extended over the official catalogue and the offices. Longer experience confirms the opinion that under suitable conditions the system is the best for prolonged use of artificial light, but that it is not always so recognized by persons accustomed to more concentrated illumination. For this reason it has been supplemented to some extent by table lights in the reading rooms.

The present stacks are calculated to hold 320,000 volumes and now contain nearly 300,000, including the pamphlets and unentered material. The margin is too small for the comfortable distribution of new books, and some provision for additional storage should be made very soon. The provision for readers is more ample and will probably be sufficient, except at the most crowded times, as long as the present lease runs.

Department of Medical Sciences. When the medical collection of The Newberry Library was acquired in 1906, it was recognized that much work would have to be done in rounding it out and that this would require the services of some one well acquainted with medical literature. This task has been ably and

satisfactorily accomplished by General Girard, and at the same time he has represented the Library in a dignified and appropriate manner before the medical profession of the city, and has secured for it the active friendship of many physicians. It is with great regret, therefore, that the Library loses his services as Medical Reference Librarian, because of his removal from Chicago.

Some progress has been made in recataloguing the material still under the Newberry classification, which has been reduced from 376 shelves to 350; in cataloguing the Senn Collection, the uncatalogued portion of which has been reduced from 271 shelves to 234; while the unaccessioned portion of the Geibel purchase has been reduced from 18 shelves to 13 and the Martin purchase has been wholly accessioned. These gains, however, are more than balanced by the Gradle gift, which is as yet unopened.

**Special Collections.** Two new special collections have been established: the Chanute Collection on Aviation and the Henry Gradle Memorial on the Eye and Ear.

The Chanute Collection consists of the technical portion of the library of the late Octave Chanute, presented by his family. As received, it consisted of nearly one thousand volumes and more than that number of pamphlets. By agreement with the donors the scope is to be limited to aviation, and the Library will add to the three hundred volumes bearing directly on this subject other volumes in value fully equivalent to those shelved elsewhere or disposed of as duplicates.

The Henry Gradle Memorial has been established by the widow and son, with an endowment of \$2,000. The nucleus is the private library of Dr. Gradle, some four thousand volumes, but to these will be added the books on the subject already in the Library and the collection will be kept up to date by the income from the fund.

From the proceeds of its special fund fourteen volumes have been added to the Huntington W. Jackson Collection on Constitutional Law, which now contains 579 titles, of which 63 have been purchased from the fund.

The Senn Collection is still in process of adjustment. The progress in cataloguing it has been mentioned, but the transfer

to it of the material on surgery must be postponed until more shelf room is available.

The Laufer purchase of Orientalia, while not forming a special collection in the same sense as the preceding, may for convenience be mentioned here. The boxes have been unpacked and the contents arranged on shelves in a room very kindly placed at our service by The Newberry Library. Dr. Laufer states that the books have been of great assistance to him in his work at the Field Museum, and though its availability is not generally known, it has been consulted by one other scholar. It is hoped that plans for cataloguing it can be laid before the Directors at some time in the coming year.

Routine. No important changes in routine have been made except that in ordering, mentioned later, and the adoption for the subject index of the synonyms and forms used by the Library of Congress and the consultation of that Library whenever a new subject not in their list is under consideration. It is felt that uniformity among libraries on this point is worth the sacrifice of individual preferences, however well founded. A liberal use of general cross-references will prevent any serious inconvenience to readers.

Attendance. The total number of visitors recorded during the year was 143,858 and the daily average was 462, an increase of four per cent over the figures of 1910, which were 138,353 and 442 respectively. The increase is larger than that of the previous year, is more than one-half of the average increase since the opening of the Library, and is more than could have been expected. Possibly some part of it is due to the publication and general distribution of the sketch of the Library in "Educational Opportunities in Chicago."

The evening attendance, 88, was one less than in 1909 and 1910. The average attendance on the five general holidays fell from 319 to 173, a considerable part of the loss being due to an unusually small attendance on July 4th. The smallest attendance of the year was 88, on that date, and the largest was 863, on January 21st. The figures for 1910 were 140 and 863 respectively. No statistics were kept of the attendance in the Senn Room, but it is thought to have increased in about the same ratio as the total attendance.

Use. The recorded number of calls for periodicals from the alcove is about the same as in 1910, being 19,707 as against 19,990. The decrease is significant only as indicating that periodical readers find it increasingly difficult to obtain seats at the tables.

On the other hand, as was said last year, the notable increase in the recorded number of calls for books from the stacks from 124,819 to 139,386, can mean only a gratifying increase in the more serious use of the Library. Using the same factor as in previous years the total use of the Library in 1911 may be estimated at 477,000 books and periodicals.

A detailed classification of the call slips for books and periodicals and of admissions to the stack is given in the second table of library statistics. The following table gives a comparison of the totals and percentages for each department with the corresponding figures for 1910:

	RECOR	DED USE		ADMIS	SIONS	то тн	E STACK
	1911	10	010	Percent-			910
	Percer		Percen				Percent-
Tota	l age	Total	age	Total	age	Total	age
Unclassified 64		616					
General Works29,76		26,079	18	91	4	157	7
Social Sciences31,98		29,398	20	408	17	281	12
Physical Sciences 15,68		15,070	ΙI	256	10	277	II
Natural Sciences 9,76		8,551	6	210	9	277	11
Medical Sciences14,83		12,922	9	647	26	477	20
Applied Sciences56,41	1 36	52,173	36	848	34	961	39

As will be seen, every department shows a substantial increase, and in almost exactly the same proportion. This is not quite true of the calls for particular subjects; landscape gardening shows a decrease of two-fifths and twelve other subjects show slight decreases; while philology shows an increase of two-thirds, and cyclopedias, religion, and biology, increases of one-half. It should be noted, however, that on all these subjects, except biology, the Library has few books and comparatively few readers, so that their use naturally varies more widely. There have been changes also in the six leading subjects and their relative positions. Medicine replaces engineering in the first place, history and geography replace chemical technology in the sixth, making the order for 1911: medicine, engineering, political economy, trade and transportation, physics, history and geography.

While the proportion of calls to visitors does not vary greatly, as a rule, yet it does vary enough to made the maxima

fall on very different days. The largest attendance was 863 on January 21st, when 823 calls were presented, while the largest number of calls was 964 on November 18th, when the attendance was 782. While the smallest attendance, 88, and the smallest number of calls, 138, both fell on July 4th, yet it will be seen that the proportion of the latter was very much larger than the average for the year.

The admissions to the stack were 2,460, an increase of 30. Of the admissions recorded, 1,638 were by registration and 822 on presentation of 26 passes. Three additional passes have been granted, making 96 nominally in force.

The loans for use outside the Library were one-half more than in 1910. There were granted 184 requests from 43 libraries and 297 requests from 122 individuals. Seven requests from libraries were refused. In 1910 the loans were 332 and the refusals ten. In seven cases the books loaned were asked for while out. It may be well to note that nearly all the loans to individuals are for very short periods, chiefly over night or over Sunday.

The calls for assistance by telephone were 610, and the requests for information by letter were 204. The figures for 1910 were 480 and 144, respectively.

The time required to fill calls has been determined in the same way as for the previous year. The average time was 3.65 minutes, as against 3.73. A decrease in the face of the increasing congestion of the stacks and of the consequent irregularities in the shelving is very creditable to the attendants.

The record of the causes of failures to supply books called for, which should have been supplied, is as follows: at bindery, 320; otherwise unavailable temporarily, mostly stolen and not yet replaced, 48; in use by another reader, 764; withdrawn from general circulation, 60; not found on shelves, 260; errors of library assistants or records, 64; total, 1,516. The total is 1.09 per cent of the total call slips presented, while in 1910 the percentage was 1.52. Excluding the first four causes as unavoidable, the avoidable failures were 324, or 0.23 per cent, the same as in 1910.

**Publications.** In April the Library issued its *Sixteenth Annual Report*, a pamphlet of 66 pages. An edition of 5,500 copies was printed and distributed.

In May the Library issued a List of Books on the History of Science. Its preparation was begun in 1902, but the publication has been delayed in order that it might be as comprehensive as possible, for it was found that many of the works in this field were out of print and difficult to obtain. Indeed, so many which were ordered long ago have been received since printing the list, that the publication of a supplement in the near future is under consideration.

The material is for the most part arranged according to the system of the public card catalogue, but it is widely scattered there. It is hoped, therefore, that the list by bringing it together, and because there are very few bibliographies on the subject, will prove of interest to others than specialists. The work contains over 1800 titles and forms a volume of 297 pages printed in the usual style of these bibliographical publications. It was edited by the Cataloguer, Mr. A. G. S. Josephson.

The List of Books on the History of Arts and Industries should be ready for the press during the year, although here also the delay in the receipt of books ordered long ago is a temptation to postpone. Work has been begun on a new edition of the List of Bibliographies of Special Subjects, and will be carried on together with the final revision of the historical material. It is proposed to issue this edition in parts, one for each department of the Library.

In February 280 additional copies of the *Handbook* were printed.

The number of the various publications remaining in stock has been redetermined and the results are given in the following table, which shows their distribution during the year:

		DISTRIBUTION						
		C	n hand	Exchange		On hand		
TITLE	Date	Edition	Jan. 1	or Gift	Sale	Dec. 31		
Periodicals Received Bibliographies of Special	1902	1,000	178	12	3	163		
Subjects		966	39	2		37		
Industrial Arts	1904	980	39 81	14	4	63		
Cyclopedias and Directories	1904	700	14	11	3			
Bibliography Union Lists		317	184	15	3	166		
Books Exhibited	1907	2,000	988	12	2	974		
Books in Reading Room	1909	956	299	21	10	268		
Current Medical Periodicals	1910	1,000	114	15	12	87		
Handbook, 1910	1910	1,280	330	67		263		
History of Science	1911	1,000		615	21	364		

The Library has also taken part in the publication in June, by the Council for Library and Museum Extension, of a pam phlet of 80 pages, entitled *Educational Opportunities in Chicago*. The four pages assigned to the Library were used for an abstract of its Handbook, giving very briefly its history, plan, scope, and resources.

Also through the Council, the Library co-operated with The Newberry Library and the Chicago Public Library in the preparation of a *Check List of Books and Pamphlets on Municipal Government Found in the Free Public Libraries of Chicago*. This was published by the Chicago Public Library and issued in September in connection with the International Congress and Exposition on Municipal Government. It is a pamphlet of 44 pages, containing about 800 titles, and is limited to works dealing with the general subject and its application to Chicago in particular.

Printed Cards. The distribution of one copy of each catalogue card to the Armour Institute of Technology, Chicago Public Library, Field Museum of Natural History, Library of Congress, Northwestern University, University of Chicago, and the University of Illinois has been continued; also the sending of one copy of each card printed by the Library to Harvard University, New York State Library, Princeton University, University of Michigan, and Yale University. To the second list there have been added during the year the Cincinnati Public Library, the St. Louis Public Library, and the University of California. Several new partial orders have been filled, the more important being from the Aero Club of Illinois, the Department of Landscape Gardening at Harvard, and the Seattle Public Library. Two partial orders have been canceled. instalments sent the New York State Library were destroyed in the fire which wrecked their rooms, and were replaced, the Directors having voted a special appropriation for the purpose. Even with this assistance it was not possible to print all the cards required to fill all the orders for complete sets. About 12,000 titles will have to be reprinted in order to do this, and it is hoped that provision will be made for the purpose. standing this incompleteness, the total distribution was by far the largest ever made, amounting to 467,286 cards, of which

74,820 were sent to the depository libraries, 2,097 sent as gifts, and 390,369 sold or sent in exchange.

From the Library of Congress there have been received 47,870 cards, making a total of 480,928; and to these have been added 558 from Harvard University, making a total of 481,486 in the union catalogue.

The very recent offer of the Royal Library of Berlin to furnish printed cards has introduced a new factor into the problem. Not only is the question of subscription to all their cards for the union catalogue under consideration, but it may prove possible to obtain from them cards for all current German works, most of which are not obtainable from the Library of Congress. In that case the character of the work done at the Library may be altered so materially as to make our printed cards of less use to other institutions.

Selection and Ordering. The selection of new works is fairly up to date and substantial progress has been made in the revision of the older titles. In the ordering some gain has been made, but the large gifts, the purchases en bloc, and a long absence of one of the assistants have made this gain smaller than was expected. A reversion to an earlier method of ordering by subjects gave very good results in eliminating much unnecessary work, but very bad results in delaying the receipt of books which were in frequent demand. It is proposed to try a compromise system by which these books will be ordered in each subject at least four times a year and the others as fast as this work will allow. A very successful experiment in co-operative buying will be described when considering the purchases.

During the year 8,483 orders were given. Of these 700 failed or were canceled, leaving 7,783 valid orders, covering 14,832 volumes at an estimated cost of \$21,513. Of outstanding orders, 7,820 were filled, covering 14,401 volumes at a cost of \$23,552. There are left outstanding 2,314 orders, at an estimated cost of \$3,253; of these 755 were given before January 1, 1911. The distribution of the orders of the year, of the total to the end of 1911, and the estimated cost, to the nearest dollar, are given in the second table of library statistics.

Accessions. The total accessions of volumes for 1911 have been 19,477, of which 5,076 have been received as gifts and

14,401 obtained by purchase. Volumes made by binding serials are included in these figures. There have been withdrawn 801 volumes, leaving the net accessions for the year 18,676, which, with the 268,153 reported for 1910, make a total now on the books of 286,829. There remain to be entered the Laufer purchase, considerable portions of the Gerritsen, Geibel, and Ehrenburg purchases, and the Gradle gift.

The accessions of maps and plates for 1911 were 278, and the total entries are 3,059.

Except those in the Ehrenburg library, there have been few pamphlets obtained by purchase, but the number received as gifts was 13,858, many more than the average, though many less than in 1910. Author slips for 2,980 titles were filed in the official catalogue and the classified collection has been increased by 9,724 pamphlets. The last number includes the preceding, but these two have no necessary connection with the Many of the pamphlets received are duplicates and many more are continuations or for various reasons are put elsewhere than in the pamphlet collection. On the other hand, many pamphlets already in the Library have been classified and entered in the official catalogue. Of the 9,724 net accessions to the classified collection, 856 were from the Senn Collection, and some 400 from other accumulations, leaving some 8,500 as the new accessions of the year. The total in the Library is approximately 88,600. Their classification is shown in the second table of library statistics.

The following table shows the distribution of the net accessions for 1911 and of the totals entered, by departments, together with the percentages of the bound volumes:

		1910			TOTAL	
DEPARTMENT	Volumes	Per cent.	Pamphlets	Volumes	Per cent.	Pamphlets
Unclassified	105			15,863		36,800
General Works		14	1,166	38,115	14	9,507
Social Sciences	6,768	36	2,809	68,954	25	14,839
Physical Sciences	992	5	400	23,846	9	1,752
Natural Sciences	1,548	8	464	28,059	IO	2,285
Medical Sciences		13	3,489	56,520	21	16,730
Applied Sciences	4,368	24	1,396	55,472	21	6,664
Total	18,676		9,724	286,829		88,577

The disproportionately large percentage of accessions in the Social Sciences is due solely to the purchase of a large collection of British Parliamentary Papers; the disproportionately

small percentage in the Physical Sciences mainly to the change in the method of ordering.

The periodicals currently received are 3,426, of which 800 are received as gifts and 2,626 by subscription, at an estimated yearly cost of \$9,266.35. Their classification is shown in the second table of library statistics.

The assistant in charge of the Continuation Record reports 1,734 titles added to the list and 282 withdrawn, leaving 9,587 at the end of the year. About 3,689 are obtained by subscription, at a cost in 1911 of \$4,964.81. These furnished 1,366 volumes entered on the record of accessions. The other continuations were received as gifts or in exchange, and furnished 1,453 volumes. For the gifts 1,158 first and 274 second requests were sent and 14 reported to the Librarian for personal letters. For the purchases 287 first and 7 second notifications were sent and 4 reported to the Librarian.

The purchases of the year were greatly affected in character by the experiment already mentioned. Four libraries, Havard University, Northwestern University, The University of Chicago, and The John Crerar, sent a joint representative to Europe. They were fortunate in securing, through the courtesy of Northwestern University, the services of its Librarian, Dr. Walter Lichtenstein, who had very special qualifications for the task. Dr. Lichtenstein brought together for Harvard its Hohenzollern Collection, and in so doing obtained an exceptional familiarity with the European book trade.

Each institution was free to give its commission in the way that seemed to best suit its needs, and in fact no two commissions were in the same terms or covered the same field. While it is understood that the results were satisfactory to all, it is only those affecting this Library which have any place here. A commission amounting to \$5,000 was given with instructions to purchase along four lines: first, out of print books which the Library had tried in vain to obtain from the regular dealers; second, from lists on the ethnology of Eastern Europe furnished by Professor Thomas of the University of Chicago; third, to complete or fill gaps in the sets of serials; fourth, public documents. Important and valuable purchases were made along all these lines: over 100 titles of the first; nearly 100 of the second;

more than 50 serials were completed or greatly extended; and quite a number of Italian documents secured. The purchases cover all the departments of the Library and, indeed, most of the individual subjects. The principal object of the experiment was to obtain books which could not be obtained through the regular channels of trade, but it is pleasant to be able to add that, after allowing for all expenses, the purchases were made at less cost than they could have been made through these channels.

The most important result for the Library, however, was secured by the action of our representative, relying on a general understanding rather than on specific instructions. This was the purchase of the library of the late Dr. Karl Ehrenburg, Privat-Docent in geography at the University of Würzburg. It was purchased in the name of The John Crerar Library, but really with joint interests. Harvard took a small portion on Franconia for its Hohenzollern Collection, and Northwestern the long sets already in this Library. The shipment has been received and is being examined and separated as fast as possible. Exact figures cannot be given at present, but it seems probable the Library will enter about 1,000 volumes and 250 maps and add 1,000 pamphlets. The library is especially strong in physical geography and geology, and the descriptive material has been collected largely with reference to these points. The duplication is not great, while the total cost, even before adjustment with the other libraries, is very low.

The purchase of a set of British Parliamentary Papers running, with very few gaps, from 1878 to 1900 should also be mentioned. The five years that were duplicated by the set already in the Library were sold to the University of Chicago, and the net cost of the set materially reduced. Fortunately most of the missing volumes are obtainable and have been ordered.

The purchase of some 1600 railroad reports at auction proved to be of exceptional value. About 400 were added to the files, some of them of early date and great interest. A considerable portion of the duplicates were disposed of to other libraries on priced exchange.

One purchase of an individual work, Hooker's *Icones Plantarum*, should also be mentioned.

As has been stated, more than fifty serials have been completed. It would take too much space to name them all, but among the more important are: Abhandlungen der kaiserlichköniglichen geologischen Reichsanstalt; Abhandlungen der mathematisch-physikalischen Classe der königlichen Bayerischen Akademie der Wissenschaften; Archivio italiano di anatomia; Botaniska notiser; Bulletin de la Société belge de géologie; Calcutta Journal of Natural History; Neue Denkschiften der allgemeinen schweizerischen Gesellschaft; Polytechnisches Centralblatt; Schriften der Naturforschenden Gesellschaft in Danzig.

The number of gifts, though considerably smaller than in 1910, is far above the average, and the steady increase in the number of donors indicates the widening influence of the Library. There were received 7,334 volumes and 13,858 pamphlets from 3,020 donors. The volumes entered in the accession record were 5,076. The figures for 1910 were 8,106 volumes, 25,038 pamphlets, 2,642 donors, and 3,967 entries.

Among many gifts of exceptional interest and value only a few can be mentioned here. Besides the Chanute and Gradle gifts, collections of works on medicine were received from Drs. Henry Bangs, John Owens and John Ridlon; one on insurance from Mr. C. E. Rollins, and more general ones from Mr. Carl Boecklin, Gen. Martin A. Harding, and the Chicago School of Civics and Philanthropy. The Chicago Dental Society has undertaken to subscribe to fourteen dental journals.

**Duplicates.** The sales of the year amounted to 1610 volumes and 14 numbers for \$642.00. On priced exchange 109 bound volumes, 2 unbound volumes and 252 pamphlets, valued at \$68.59, have been sent; 95 volumes and 600 pamphlets, valued at \$116.98, have been received. On piece exchange 38 volumes and 1,099 numbers have been received. In addition, 36 bound volumes, 7 unbound volumes, and 19 pamphlets have been sent to the State Library of Massachusetts in partial return for many documents received.

Inventory. The seventh regular inventory has been continued. Nearly all the shelves of the Department of Applied Sciences have been read, 93 serious misplacements corrected, and 36 books not found. Of these one is known to have been stolen, six are in temporary binders and are most probably

misplaced, and many of the others are of a character to warrant the supposition that they also are misplaced, especially as eleven of the 30 reported missing in 1909 have been found.

From the main Reading Room seven books were lost but six were recovered, of which one was lost in 1906, one in 1908, two in 1909, and two in 1910. The Senn Room has not been so fortunate, having lost 34 volumes, although the detection of one thief and his punishment by six months imprisonment brought about an almost complete stoppage of the thefts for a time. Twenty volumes were recovered from him, twelve of which had been taken in 1910 and one from the main Reading Room. This makes the net loss for the year from both reading rooms 17 volumes and the total since the opening of the Library 96. Of books reported missing from the stacks in previous inventories 15 have been found, making the net loss for the year 21 and the total to date, 199. Six cases of mutilation have been detected.

The periodicals have suffered much more than in 1910. Seventy-eight numbers have been taken, and 47 mutilated. All but eleven of these have been replaced. The larger part of the thefts and mutilations occurred in two classes which have now been placed under guard. It is hoped, therefore, that the record for 1912 may not be so unfavorable.

Binding. On January 1, 1911, there were at the binderies 824 volumes, not 803 as stated in the last report, and 10,145 were sent during the year; 22 were returned as incomplete, and 10,085 bound; leaving 862 at the binderies December 31, 1911. About one-fifth were bound by The Newberry Library. The cost of binding was \$10,945.00, an average of \$1.05 per volume. The cost of shelf-marking the accessions of the year, together with a considerable amount of repairing, inserting book-plates, and similar work, was \$1,512.36.

Catalogues. The Cataloguer reports that during the year 4,961 new titles have been prepared for print; 374 new titles typewritten; 57 titles prepared for print to replace old typewritten titles, and 7 to replace Library of Congress titles; 4,730 titles received from the Library of Congress have been classified for the catalogues; 507 titles have been prepared for the cooperative analysis of serials. The total number of titles treated

by the Cataloguer and Classifier and their assistants has been 11,961, a decrease of 999 over 1910. The titles reprinted in correction of errors were 49, and for other alterations 829. Cards for 4,367 new titles and 807 reprinted titles were received from the printer, electrotypes for 4,829 new titles, and 290 reprinted titles from the electrotypers. The total number of separate titles prepared for print to date is 82,515; of sets of cards received, 80,986; of electrotypes, 44,875.

The number of orders sent to the Library of Congress on triplicate order sheets was 8,647, and reports were received on 8,363, leaving 284 outstanding. There were cards for 2,106 titles on hand January 1, 1911; 5,551 were received during the year, and 6 were taken from the file of those previously withdrawn; cards for 4,923 were used, and for 420 withdrawn from the file, leaving those for 2,320 on hand December 31. Of those withdrawn 387 titles were returned to the Library of Congress and 2 were replaced by reprinted cards. Of the 5,551 titles received, 631 were analytical titles from 310 serial publications. Of the 2,320 titles on hand, 525 are for book orders before 1911, 775 for those of 1911, 246 for regular standing orders and 774 for two special analytical orders.

The work of the Library in the co-operative analysis of serials has been continued. It has supplied 507 titles and has received cards for 2,433. Of the titles received, 637 have been filed in the public card catalogues; one copy of 1,098 filed in the official catalogue; and 872 have been sold.

There have been added 28,932 cards to the classed catalogue, which now contains some 126,500 titles on 329,492 cards, an average of 2.60 cards per title; 19,458 cards have been filed in the author catalogue, which now contains the same 126,500 titles on 225,800 cards, an average of 1.78 cards per title; 748 guides and 4,342 cards have been added to the subject index, which now contains 21,800 guides and 44,400 cards covering 103,000 titles, an average of 0.43 cards per title.

The distribution of the cards in the classed catalogue, by departments, is shown in the following table:

DEPARTMENT		CARDS
	1911	TOTAL
General Works	9,292	110,995
Social Sciences	7,338	81,033
Physical Sciences	1,469	24,725
Natural Sciences	3,022	39,824
Medical Sciences	3,714	20,853
Applied Sciences	4,097	52,062
Total	28,932	329,492

Of the 126,500 titles in the public catalogues about 80,000 are on cards printed by the Library, about 36,200 on Library of Congress cards, and about 9,700 on A. L. A. co-operative cards.

There have been added 12,734 cards to the index of government publications, making a total of 51,610 in this index. The index of analytical cards issued by the U. S. Bureau of Education has received 2,774 cards, and now contains 9,641 cards.

The total number of shelves of arrears of all kinds has risen from about 1200 to about 1290. This count does not include the Gradle gift or the unpacked portion of the Ehrenburg library, but it does include, 144 shelves of Orientalia not previously counted. The increase is not very serious and it is hoped that enough assistance can be obtained from the Royal Library cards to enable the staff to make a gradual reduction of these arrears.

Meetings. The Library has been represented officially by the Librarian and unofficially by one other member of the staff at the annual meeting of the American Library Association at Pasadena, May 18th to 27th, officially by the Librarian at the annual meetings of the National Association of State Libraries and the Special Libraries Association at the same place and time: officially by the Assistant Librarian and unofficially by four other members of the staff at the annual meeting of the Illinois State Library Association at Joliet, October 11th to 13th; officially by the Librarian at the dedication of the new building of the Public Library of St. Louis, January 6th, 1912; and officially by the Librarian or the Cataloguer at the regular meetings of the Council for Library and Museum Extension.

Staff. The changes in the staff have not been unusual in number but the resignations of the Medical Reference Librarian

and of three senior assistants make them of unusual importance.

The following have resigned: Gen. A. C. Girard, Medical Reference Librarian; Misses Sophie Hyde and Edna L. Goss and Mr. O. E. Norman, senior assistants; Misses Louise Madsen, Hattie Fisch, Mary Elliott, and Belle B. Gormley and Messrs. J. W. Gorby and Hugo Popper, junior assistants; Messrs. F. D. Hedges, W. E. Boyd and M. A. Brown, attendants; Harold Sheddy and Fred Stuehler, pages.

The following appointments have been made: Miss Grace Kelley and Mr. O. E. Norman, senior assistants; Misses Ruth Woolman, Belle B. Gormley, Helen D. Brown and Margery C. Cooper and Mr. A. F. Gronberg, junior assistants; Misses Harriet E. Penfield and Mary L. Reider, temporary junior assistants; Miss Alice Brown and Messrs. A. E. Olson, Paul Brennan, J. T. Grayston, E. A. Freeman and M. A. Natanson, attendants; William Zimmermann and Benjamin Jaffe, pages.

The following have given temporary service: Messrs. J. C. Bay and W. A. Brennan as Medical Reference Librarian; Miss Mabel Eaman as senior assistant; Misses Minerva Beckwith, Mary E. Burton, Mary L. Reider, Anna M. Baxter and Janet Hall, and Mr. J. C. DeWolfe as junior assistants; Misses Elsebeth Martens and Ruby Lane, and Messrs G. E. Kaltenbach, B. B. Wood and G. C. Fawcett as attendants.

Respectfully submitted,
CLEMENT W. ANDREWS,

CHICAGO, January 18, 1912.

Librarian.

# LIBRARY STATISTICS: 1

# RECORD OF ATTENDANCE AND USE FOR 1911

IN- CREASE PER CT.	4	122 **:	I
Тотац	138,353	124,819 399 19.990 64	2,430
Toral 1911	15.334 15.521 14.381 11.851 11.446 10.109 8.806 9.882 9.972 13.280 14.270 13.006 143.858 138.353 353 563 53 53 574 424 389 339 366 384 511 549 500 462 462 442	139,386 447 19,707 63	2,460
DEC.	13,006	12,816 493 1,462 56	211
Nov.	14,270	14,672 564 1,783	210
Oct.	13,280	13,049 502 1,781 69	227
SEPT.	9,972	9,283 357 1,708 66	962
JUNE JULY AUGUST	9,882	8,979 333 1,484 55	256
July	8,806	8,895 342 1,431 55	135
	10,109	8,456 325 1,457 56	112
May	11,446	11,170 414 1,623 60	170
MARCH APRIL	11,851	12,350 494 1,806 72	176
	14,381	15,186 562 1,822 67	215
FEB.	13,521	12,795 533 1,638 68	226
JAN.	13,334	11,735 451 1,712 66	226
	Visitors	Calls for Books from Stack	Visitors Admitted to Stack

Smallest attendance, 88 on July 4th. Largest attendance, 863 on Jan. 21st. Smallest number of calls for books, 138 on July 4th. Largest number, 964 on Nov. 18th.

\*Decrease

COMPARISON BY YEARS

1161	,858 462	386 447	,707	2,460	,829
	3 143	9 139	1 o	6	3 286
0161	138,35	124,810	79	2,430	268,153
6061	134,579	107,006	20,261 65	2,437	251,281
8061	130,049	108,662 346	20,980	2,671	232,403
1907	351	104,435	17,449	1,944	215,144
9061 5061	18,584 30,516 34,827 41,697 54,828 66,512 76,429 87,494 92,244 101,839 109,677 130,049 134,579 138,353 143,858 80 99 113 134 175 213 244 279 296 321 351 414 430 442 4462	113,565	3,864 7,213 8,013 8,667 9,741 12,250 13,264 15,178 15,472 14,722 17,449 20,980 20,261 19,990 19,707 17 23 26 28 31 39 42 48 50 47 50 47 56 67 65 64 63	656 1,017 1,019 1,046 1,167 1,193 1,608 1,681 1,690 1,944 2,671 2,437	29,141 43,061 55,223 65,645 76,432 89,219 103,291 123,018 142,971 197,440 215,144 232,403 251,281 268,153 286,829
	92,244	67,386 216	15,472	1,681	142,971
1904	87,494	59,561	15,178	1,608	123,018
1903	76,429	50,264	13,264	1,193	103,291
1902	66,512	39,606	12,250	1,167	89,219
1061	54,828	32,193 103	9,741	1,046	76,432
1900	41,697	23,996	8,667	1,019	65,645
1899	34,827	18,890	8,013	1,017	55,223
1897 9 Mos. 1898 1899	30,516	15,367	7,213	656	43,061
1897 9 Mos.	18,584 80	6,995	3,864		29,141
	Visitors	Calls for Books from Stack. 6,995 15,367 18,890 23,996 32,193 39,606 50,264 59,561 67,386 113,565 104,435 108,662 107,006 124,819 139,386 Daily Average	Calls for Periodicals from Alcove Daily Average	Visitors Admitted to Stack.	Volumes in Library

## LIBRARY STATISTICS: II

			A sold or selection and a										
		Ċ				ACCE	ACCESSIONS		PER	PERIODICALS	REC	RECORDED USE	SE
Subjects		ORI	URDERS		Voi	VOLUMES	PAMPHLETS	HLETS					
	I	1161	To	Total	1161	Total	1161	Total		1161		1161	
	Vol.	Est. Cost*	Vol.	Est. Cost*	No.	No.	No.	No.	No.	Cost	Books	Period-	Stack
UNCLASSIFIED	1,066	49	55,879	55,879 \$58,359	105	15,863	1 1	36,800	1 1 1 1	1 1 2 9 0	649	1 1 1	1
I.—General Works:				,			c				1		,
o Miscellaneous	131	175	2,210	6,184	36	1,128	198	4,787	6	\$ 27 5º	3,451	9	30
I Bibliography	207	623	4,244	11,013	355	5,923	190	1,170	147	37I 48	1,274	121	4
2 Library Economy	79	1991	1,713	1,761	86	2,360	139	831	20	41 90	457	0.0	1 4
3 Cyclopedias	37	129	1,323	2,054	8	1,431	<b>ι</b> Ω	13	:		351	92	3
_	4,	4	334	984	4	345	- 0	4	1		230	1	1
5 General Periodicals	264	447	3,295	4,092	187	5,214	86	393	III		4,926	4,504	7
6 General Societies	167	165	4,425	13,338	277	5,632	13	67	120		1,977	33	01
7 Exhibitions and Museums	38	105	1,432	1,582	54	1,461	23	344	25		300	13	7
io Philosophy	282	313	1,836	2,604	241	1,934	89	117	17	36 26	533	35	7 1
	304	302	1,974	2,595	183	2,190	57	171	44		4,333	214	91
_	12	56	941	1,871	54	920	4	46	1		200	8 8	i i
90 History and Geography	424	751	5,864	12,048	651	7,286	316	1,468	6	5 79	5,085	13	6
	115	171	1,646	3,436	181	2,291	33	96	30		811	230	2
	2,064	\$3,803	31,237	\$64,162	2,495	38,115	1,166	9,507	582	\$1,465 32	24,237	5,527	16
II.—Social Sciences:						•							
17 Ethics	184	\$ 139	1,185	\$ 1,039	122	1,220	IOI	460	7	\$ 5 20	1,358	32	65
	38	41	571	814	20	737	286	721	9		1,160	49	1 1
30 General Works	277	309	3,798	4,257	178	3,266	29	281	20	148 79	2,083	229	2
	200	167	2,547	3,233	158	2,777	91	53	41		420	15	ın,
	122	611	2,487	3,000	90,0	4,446	6,	731	15		2,004	95	٥
	367	361	10,017	908,6	905	12,445	300	3,925	187		8,058	1,150	34
Law	2	112	1,059	3,318	141	2,304	30	355	13		1,002	13	7
ζ.	0		70"	1	2601		720	0,	i		1	1	ç
26 Associations and Institutions	144	1,001	9,500	9,9/5	2,024	21,250	180	1,409	~~~	42 70	1,606	1/3	15
	254	000	6,00	1,000 1,765	30c 76r	0.620	1.221	107	1/1		4.510	223	30.0
38 Commerce and Communica-	+00	26.	20612	C 2 //C	(0)	4C 016		+	C L		6-64		,
	96	IOI	2,272	2,950	304	4,314	228	778	62	35 51	1,754	371	157
39 Customs, Folklore, etc	89	132	1,217	1,650	103	1,424	62	259	18	12	1,845	20	I
	3,720 \$	\$ 3,443	45,058	\$48,535	892,9	68,954	2,809	14,839	189	\$ 977 85	29,499	2,483	408

\* To nearest dollar.

						ACCESSIONS	SIONS		2		0	Dagona Ilan	]
SUBJECTS		OK	ORDERS		VOL	VOLUMES	PAMPHLETS	LETS	LEKI	r ekiodicals	MEC	OKDED	JOE
		1161	$T_0$	Total	1161	Total	1161	Total		1161		1161	
III.—PHYSICAL SCIENCES:	Vol.	Est Cost	Vol.	Est.Cost	No.	No.	No.	No.	No.	Cost	Books	Period-	Stack
50 General Works	IOI	\$ 168	4,138	\$ 6,903	95	3,885	36	124	40	\$ 88 27	988	34	4
51 Mathematics	48	151	3,169		128	3,584	13	72	40		_	52	46
52 Astronomy	83	174	3,443	7,535	142	3,800	43	248	41				11
53 Physics	147	327	5,541	9,934	371	6,754	121	740	70	253 49	6,563	871	20
54 Chemistry and Mineralogy	108	216	5,592	6,884	250	5,823	187	208	49				130
	487	\$ 1,036	21,883	\$41,220	992	23,846	400	1,752	240	\$ 913 21	14,516	1,169	256
IV.—NATURAL SCIENCES:							(	(					
55 Geology	395	998 \$	5,322	196,6	433	5,931	282	684	107	\$ 246 03	2,767	17	35
56 Falzentology	II	45	651	3,042	28	073	20	73	٥	54 75		4	
5/ Diology and Matural Sciences	-	0	1	1	0	0,00	•	260	110				×
o Beneral	419	045	7,949	25,223	40/	0,340	4 د د	2000	0/1	036 03			4.5
So Botany	205	1,220	4,905	10,077	332	2,15/	7.1	332	93	333 20	2 470	2 2	5 4 7 7 7
39 4001083	/67	1,240	1,05/	33,507	340	1,950	1/	030	149		1		(2)
	1,337	\$ 4,222	26,744	\$87,870	1,548	28,059	464	2,285	513	\$2,217 96	865.6	991	210
V,Medical Sciences	1,991	\$ 3,048	67,962	\$92,171	2,400	56,520	3,489	16,730	673	\$1,970 28	14,838	1 1 1	647
VI.—APPLIED SCIENCES:													
60, 70 General Works	158	49	4,504	\$ 9,399	279	6,461	155	385	84	\$ 254 59	2,501	1,997	210
62 Engineering	655	1,008	12,135	21,138	1,166	15,793	175	1,650	217	576 11	12,796	3,556	252
63 Agriculture	728		7,090	7,422	813	8,972	493	1,599	110				48
64 Domestic Economy	212	177	1,524	1,380	192	1,645	54	190	II				17
65 Trade and Transportation	1225	269	5,818	8,367	536	6,535	228	1,020	92	144 87		1,058	44
66 Chemical Technology	338	587	4,054	8,146	407	4,853	200	514	17				194
67, 68 Manufactures and Trades.	229	301	2,481	4,110	300	3,323	82	410	9				44
69 Building	177	184	1,741	2,980	195	2,052	41	277	29			405	0
71 Landscape Gardening	29	611	692	011,1	65	000	41	310	0 \				1
72 Architecture	148	338	1,165	3,501	165	1,696	24	92	50	106 40			9
73-76 Drawing, Design, etc.	152	300	1,589	4,987	152	1,707	13	94	6		3,035		50
77 Photography	78	65	1,240	734	92	1,635	12	117	32	53 of	_		7
Total.	4,167	\$ 4,967	44,033	\$73,280 465,597	4,368	55,472	1,396	6,664	737	\$1,721 73 9,266 35	46,049	10,362	848 2,460
*800 by gift.								1					

## LIST OF DONORS IN 1911

Volumes		Volumes	
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Abbott Press, Chicago, Ill	I	Alberta, Department of Agriculture,	4
Abell, A. S., Company, Baltimore,	-	Edmonton, Alta	2
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Aberdeen University, Aberdeen,	_	Edmonton, Alta	I
Scotland	2	Alberta, Provincial Secretary, Ed-	•
	18	monton, Alta	2
Academia de Sciencias de Portugal,		Alexander Hamilton Institue, New	_
Lisbon, Portugal	6	York, N. Y	I
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Academy of Science of St. Louis,	•	Allegheny College, Meadville, Pa	Ĭ
St. Louis, Mo	I	Allegheny Observatory, Allegheny,	
Accademia Scientifica Venito-Tren-		Pa	8
tinos Istriana, <i>Padua</i> , <i>Italy</i>	I	Allendale Farm, Chicago, Ill	I
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Ill.,,	2	Easton, $Pa$	2
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Air Line News, Chicago, Ill	I	tion, New York, N. Y	3
Alabama Agricultural Experiment		American Architect, New York,	_
	14	N. Y	I
Alabama Department of Archives	6		
and History, Montgomery, Ala	6	and Prevention of Infant Mor-	
Alabama, State Game and Fish Commissioner, Montgomery, Ala.	0	tality, Baltimore, Md	5
Alabama, Geological Survey, Uni-	9	American Association for the Ad-	
versity, Ala	2	vancement of Science, Wash- ington, D. C	
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Alabama, State Board of Health,	2	Passenger and Ticket Agents,	_
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$N. Y. \dots$		American Bankers Association,	
Albany Medical College, Albany,	I	New York, N. Y	1
N. Y		American Book Company, Chicago,	
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77.1	
Volumes or Pamphlets.	Volumes or Pamphlets.
American Brewers' Review Co.,	American National Live Stock As-
Chicago, Ill	sociation, Denver, Colo 1
American Civic Association, Wash-	American National Red Cross As-
ington, D. C 7	sociation, Washington, D. C 1
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New York, N. Y I	Mass 6
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Philadelphia, Pa	ington, D. $C$
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ton, Mass 2	Ill I
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Association, Detroit, Mich I	sion, Chicago, Ill
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ciation, Cold Water, Mich I	New York, N. Y 3
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ciation, Asbury Park, N. J 2	New York, N. Y
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mological, Otological and	Building Association, Chicago,
Laryngological Society, Wor-	111
cester, Mass	American Railway Engineering As-
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gineers, New York, N. Y I American Journal of International	nomics, Chicago, Ill
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American Leather Chemists' Asso-	American Society for the Judicial Settlement of International
ciation, Easton, Pa	Disputes, Baltimore, Md 1
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American Lumberman, Chicago,	gineers, New York, N. Y 4
Ill	American Society of Engineering
American Marine Engineer, Chi-	Contractors, New York, N.Y I
cago, Ill	American Society of Equity of
American Mathematical Society,	North America, Indianapolis,
New York, N. Y 1	Ind I
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Chicago, Ill847	American Society of Heating and Ventilating Engineers, New
American Medico-Psychological	107K. IV. Y
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American Museum of Natural His-	Engineers, New York, N. Y I
	American Steel and Wire Co.,
American Museum of Safety, New	Chicago, Ill
York, N. Y 4	American Surgical Association,
20.00, 211 211 4	St. Paul, Minn 1

Volume Pamphl		Volume: Pamphl	
American Scenic and Historic	0031	Arizona, Agricultural Experiment	003.
Preservation Society, New York,		Station, Tucson, Ariz	8
N. Y	I	Arizona, Executive Office, Phoenix,	
American Society for Testing Ma-		Ariz	I
terials, Philadelphia, Pa	I	Arizona, Territorial Board of	
American Telephone and Telegraph		Equalization, Phoenix, Ariz	2
Company, Boston, Mass	I	Arizona, Territorial Library, Phoe-	
American Telephone and Telegraph		nix, $Ariz$	I
Company, New York, N. Y	2	Armstrong Cork Company, Pitts-	
American Telephone Company,		burg, Pa	I
Chicago, Ill	I	Arkansas, Agricultural Experiment	
American Urological Association,		Station, Fayetteville, Ark	50
Spring field, Ill	1	Arkansas, Department of Public	U
American Water Works Associa-		Instruction, Little Rock, Ark	ΙI
tion, Charleston, S. C	I	Arkansas Rice Growers Association,	
Amherst College, Amherst, Mass	2	Stutteart. Ark	I
Amsterdam, Bureau van Statistik,		Stuttgart, ArkArmour Institute of Technology,	
Amsterdam, Netherlands	1	Chicago, Ill	I
Amsterdam, Kamer van Koophan-		Chicago, Ill	I
del en Fabrieken, Amsterdam,		Arnold, Bion J., Chicago, Ill	2
Netherlands	I	Art Institute, Chicago, Ill	ī
Anderssen, O. Selmer, Buffalo, N.Y.	1	Arteraft Institute, Chicago, Ill	2
Anderson Auction Co., New York,		Art Metal Construction Co.,	_
N. Y	2	Jamestown, N. Y	T
Andover, Memorial Hall Library,	_	Asiatic Exclusion League, San	_
Andover, Mass	I	Francisco, Cal	7
Andorra Nurseries, Philadelphia,	-	Asociacion Internacional para la	′
Pa	2	Protecion Legal de los Trabaja-	
Andover Theological Seminary,	_	dores, Madrid, Spain	10
Cambridge, Mass	I	Associated Fraternities of America,	
Cambridge, Mass	_	Detroit, Mich	4
ton. D. C.	2	Associated Jewish Charities, Chi-	
ton, D. C	82	cago, Ill	I
Andrews, William, Chicago, Ill	15	Association des Archivistes et Bib-	_
Andriessen, Belle, Beaver, Pa	I	liothecaires Belges, Brussels,	
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Cal.	I	Association for International Con-	-
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Apartment House, Chicago, Ill	T/	Destitute Women, Salem, Mass.	т
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Apprenticeship and Skilled Em-			_
ployment Association, London,	•	Association Internationale pour la Protection Legale des Travail-	
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terfelde, Germany	-	pour la Protection Legale des	
Sweden	1	pour la Protection Legale des Travailleurs, Paris, France	32
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Vork N V	I	al College and Experiment Sta-	
York, N. Y	_	tions, Montpelier, Vt	I
N. Y	1	Association of American Medical	_
N. Y		Colleges, Chicago, Ill	I
Okla	2	Association of American Physi-	
Argentine Republic, Ministerio de		cians, Philadelphia, Pa	1
Agricultura, Buenos Aires, A. R.	9	Association of American Portland	
Argentine Republic, Ministerio de	,	Cement Manufacturers, Phila-	
Obras Publicas, Buenos Aires, A.R.	7	delphia, Pa	14
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Volumes	or	Volume	SOF
Pamphle	ts.	Pamphl	ets.
Association of American Railway		Australia, Bureau of Meteorology,	
11550clation of Infictical Railway			
Accounting Officers, Chicago,		Melbourne, Victoria	I
Ill	I	Australia, Central Weather Bureau,	
Ainting of Amorican IInirrongi	_		
Association of American Universi-		Melbourne, Victoria	12
ties, $Chicago$ , $Ill$	I	Australia, Department of External	
Association of Collegiate Alumnæ,		Affairs, Adelaide, South Austra-	
Chicago, Ill	I	lia	I
Chicago, Ill		Australian Museum, Sydney, N.	
11550ctation of Coneglate manne,	_	C III	_
Williamstown, Mass	I	S. W	3
Association of Directors of the		Aver. N. W. & Son. Philadelphia.	
		D.	
Poor and Charities of Pennsyl-		Pa	4
vania, Somerset, Pa	I	Bacon, W. P., New Britain, Conn	I
Association of Edison Illuminating		Boor Joseph & Co Frankfort	
Association of Edison Illuminating		Baer, Joseph, & Co Frankfort-	
Companies, New York, N. Y	I	am-Main, Germany	1
Association of Licensed Automo-		Bailey, Banks & Biddle Co., Phila-	
		Dancy, Danks & Diddie Co., 1 mile	
bile Manufacturers, New York,		delphia, Pa	I
N $V$	I	Bailey Dr E Stillman Chicago	
N. Y	•	Til	
		Bainbridge, Dr. W. S., New York,	59
dents, New York, N. Y	I	Bainbridge, Dr. W. S., New York.	
		N V	_
Association of Ontario Land Sur-		N. Y	- 2
veyors, Toronto, Ont	I	Baker, J. T., Chemical Co., Phillipsburg, N. J.	
Association of the Bar of the City		Phillipshara N I	2
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of New York, New York, N. Y	5	Baker, Walter, & Co., Dorchester,	
Association of Transportation and		Mass	10
		D-1.1	10
Car Accounting Officers, New		Baldwin, William J., New York,	
York, N. Y	8	N. Y	3
Association Parisienne des Pro-		Ballard, Geo. S., Chicago, Ill	
			I
priétaires d'Appareils à Vapeur,		Baltimore & Ohio Railroad Com-	
Paris, France	I	pany, Baltimore, Md	5
			5
Association Sanatorium, Louis-		Baltimore & Ohio Railroad Co.,	
ville, Ky	2	Chicago, Ill	2
A -t	-	Daltimana Danud of Cabaal Com	_
Astronomical and Astrophysical		Dalumore Board of School Com-	
Society of America, Ann Arbor,		missioners, Baltimore, Md	I
Mich		Baltimore Board of Trade, Balti-	
Mich	1		
Atchison, Topeka & Santa Fé		more, Md	I
Railroad Co., Topeka, Kan	2	Baltimore Chamber of Commerce,	
	3		
Atchison, Topeka & Santa Fé		$Baltimore, -Md \dots$	I
Railroad Co., Supervisor of Ap-		Baltimore City Council, Baltimore,	
nunting Totals Van	-	M.	-
prentices, Topeka, Kan	I	Md	I
Atlanta University, Atlanta, Ga	2	Baltimore City Library, Baltimore,	
Atlantic Deeper Waterways Asso-		Md	6
		Md	U
ciation, Philadelphia, Pa	3	Baltimore Federated Charities, Bal-	
Atlantic Monthly Company, Bos-		timore. Md	T
ton Mass	7	Report Training School O-"	-
ton, Mass	I	Bancroft Training School, Owl's	
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TII	I	Bangor, Me	т
A	•	D. 1. C.I. T.I. T.I.	-
IllAugustana College Library, Rock		Bank of Japan, <i>Tokyo</i> , <i>Japan</i> Bankers' Association of the State	I
Island, Ill	I	Bankers' Association of the State	
		of Illinois Chicago III	Y
Aurora, Elgin & Chicago Rail-		of Illinois, Chicago, Ill	I
road Company, Cleveland, O	I	Bankers' Publishing Co., New	
Austin, City Clerk, Austin, Ill	I	Vork N V	1
	•	Daniel Duck E E III'II'	-
Austin Publishing Co., Rochester,		Bankers' Publishing Co., New York, N. Y.  Barnard, Prof. E. E., Williams	
N. Y	I	Bay, Wis	I
Australacian Accomistion for the		Barnhart Bros & Spindler Chi	_
Australasian Association for the		Barnhart Bros. & Spindler, Chi-	_
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laide, South Australia	1	Barr, Charles J., Chicago, Ill	8
	-		0
Australia, Bureau of Census and		Bartlesville, City Clerk, Bartles-	
Statistics, Melbourne, Victoria	2	ville, Okla	I

Volumes		Volumes	
Bassler, Dr. Anthony, New York,	ets.	Bodleian Library, Oxford, Eng	ts.
N. Y	4	Boecklin, Carl, Chicago, Ill	20
	54	Boletin Mensual de Estadistica	
Baylor University, Waco, Tex	4	Demografico-Sanitaria, Madrid,	
Beers, W., New Orleans, La	5	Spain	I
Belgium, Caisse Générale d'Éparg-		Bologna, Biblioteca Comunale,	
ne et de Retraite, Brussels, Bel-		Dologna, Haly	I
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#### EXTRACT FROM THE RECORDS

Meeting of April 20, 1911

"A letter was read by the Secretary from Mr. Schuyler B. Jackson in behalf of the family and executor of Colonel Huntington W. Jackson tendering a memorial tablet, designed and cast in bronze by Mr. Henry Hering, sculptor, of New York, to be placed in the present Library, and to be re-placed when the new building is erected, in such position as may be satisfactory and agreeable to the Board, and

On motion of Mr. Lincoln, seconded by Mr. Hughitt, it was resolved that the Directors, on behalf of the Library, accept with gratitude the Memorial Tablet of Colonel Huntington W. Jackson tendered to the Library by Colonel Jackson's family and executor, and that the Secretary be directed to express to the donors the Board's appreciation of the gift.''

#### REGULATIONS

The Library is a free public reference library, open to readers every day, excepting Sundays, from 9 A. M. to 10 P. M.

Satchels, suit cases, bags, etc., must be checked in the Cloak Room. Outer garments, umbrellas, and packages may be, and in wet weather must be, so checked. No charge is made for the service. The Library will not hold itself responsible for unchecked articles nor for any articles left over night.

Books shelved in the Reading Room and in the Senn Room, except as noted below, may be consulted without formality, but after use are to be left on the tables, instead of being replaced on the shelves.

Current periodicals, except those on the Medical Sciences, may be consulted within the periodical alcove, and may be obtained for use at the tables in the Reading Rooms by presenting at the periodical desk serial call-slips properly filled out. Current medical periodicals are shelved in the Senn Room and may be consulted there.

Books not shelved in the Reading Rooms may be obtained by presenting to the Delivery Clerk book call-slips properly filled out. These books are to be returned to the delivery desk.

Persons engaged in special research, if satisfactorily vouched for, may be admitted to the Stack Rooms. Application for this privilege should be made to the Reference Librarians. All books used under this provision are to be left on the tables in the Stack Rooms.

Books not suitable for general use may be consulted only upon registration and statement of satisfactory reasons, and those of great value or rarity only in the presence of an attendant.

Writing or marking in books belonging to the Library, their mutilation in any manner, and their removal from the Library, are forbidden. The tracing of plans will be permitted if done over a celluloid cover, but not otherwise. The covers will be furnished upon application at the delivery desk.

The officials of the Library are authorized to exclude any person of unseemly behavior or appearance, and any one wilfully violating its regulations.

The Reference Librarians, in charge of the Reading Rooms, will give assistance in the use of the library.

### PUBLICATIONS IN PRINT

No bills are rendered. Orders should be accompanied by postal money order or stamps.

Annual reports. First to seventeenth for the years 1895-1911. Chicago 1897-1912. Sent gratis on request.

The First report contains Record of Organization; the Second, Memorial of Edson Keith; the Fourth, By-laws of the Corporation; the Fifth, Memorial and portrait of Norman Williams; the Sixth, Memorial and portrait of Huntington W. Jackson; the Seventh, Act and Ordinance authorizing the Library to erect and maintain a free public library on the Lake Front Park; the Ninth, "Act concerning free public libraries in public parks"; the Eleventh, Memorial and portrait of Marshall Field, and "Ordinance concerning The John Crerar Library"; the Thirteenth, Memorials and portraits of Albert Keep and Dr. Nicholas Senn; the Fourteenth, By-laws of the Corporation; the Fifteenth, Report of the Special Committee on Site.

Printed catalogue cards for the titles of all books in the Library. *Prices on application*.

A list of current periodicals in the Reading Room, June, 1902. Chicago 1902. 97 p. Price 10 cents; by mail 15 cents.

A list of books on industrial arts, October, 1903. Chicago 1904. 249 p. Price 20 cents; by mail 30 cents.

A bibliography of union lists of serials. Chicago 1906. 28 p. Price 5 cents; by mail 10 cents.

A list of books exhibited December 30, 1907—January 4, 1908, including incunabula and other early printed books in the Senn Collection. Chicago 1907. 32 p. *Price 5 cents; by mail 10 cents*.

A list of books in the Reading Room, 1909. Chicago 1909. viii, 488 p. Price 25 cents; by mail 50 cents.

A list of current medical periodicals and allied serials, December, 1909. Chicago 1910. 25 p. Price 5 cents; by mail 10 cents.

Handbook, 1910. Chicago 1910. 16 p. Sent gratis on request.

A list of books on the history of science. Chicago 1911. 10, 297 p. Price 25 cents; by mail 40 cents.

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State Library Sol note.

## THE

# JOHN CRERAR LIBRARY

### EIGHTEENTH ANNUAL REPORT

FOR THE YEAR

1912



CHICAGO
PRINTED BY ORDER OF THE BOARD OF DIRECTORS
1913



### THE

# JOHN CRERAR LIBRARY

## EIGHTEENTH ANNUAL REPORT

FOR THE YEAR

1912



CHICAGO
PRINTED BY ORDER OF THE BOARD OF DIRECTORS
1913



### OFFICERS, 1913

# President PETER STENGER GROSSCUP

First Vice-President THOMAS D. JONES

Second Vice-President ROBERT FORSYTH

Secretary
LEONARD A. BUSBY

Treasurer
WILLIAM J. LOUDERBACK

Librarian
CLEMENT W. ANDREWS

### BOARD OF DIRECTORS

E. W. BLATCHFORD ROBERT T. LINCOLN HENRY W. BISHOP JOHN M. CLARK FRANK S. JOHNSON PETER STENGER GROSSCUP MARVIN HUGHITT THOMAS D. JONES JOHN J. MITCHELL LEONARD A. BUSBY ROBERT FORSYTH CHAUNCEY KEEP

FREDERICK H. RAWSON

CARTER H. HARRISON, Mayor of Chicago, ex-officio JOHN E. TRAEGER, Comptroller of Chicago, ex-officio

### STANDING COMMITTEES

Finance

JOHN J. MITCHELL

CHAUNCEY KEEP

MARVIN HUGHITT

Administration

E. W. BLATCHFORD

LEONARD A. BUSBY

FREDERICK H. RAWSON

Buildings and Grounds

JOHN M. CLARK

ROBERT FORSYTH

THOMAS D. JONES

Books

FRANK S. JOHNSON

THOMAS D. JONES

ROBERT FORSYTH

# DIRECTORS, 1894—1913

NORMAN WILLIAMS		-		-		-		-		-	1894-1899
HUNTINGTON W. JACK	SC	N			-		-		-		1894-1901*
MARSHALL FIELD		-		-		-		•		-	1894-19064
E. W. BLATCHFORD	-		-		-		-		-		1894-
T. B. BLACKSTONE		-		-		-		-		-	1894-1899
ROBERT T. LINCOLN	-		-		-		-		-		1894—
HENRY W. BISHOP		-		-		-		-		-	1894—
EDWARD G. MASON	-				-		-		-		1894-1895
ALBERT KEEP -		-		•		-		-		-	1894-1907
Edson Keith -	-		-		-		-		-		1894-1896
SIMON J. McPherson		-		-		-		-		-	1894-1899
JOHN M. CLARK -	-		-		-		-		-		1894—
GEORGE A. ARMOUR		-				-		-		-	1894-1899
Frank S. Johnson	-		-		-		-		-		1896—
PETER STENGER GROS	SSC	UP	•	-		•		•		-	1897—
ARTHUR J. CATON	-		-		-		-		-		1900-1904*
MARVIN HUGHITT -		-		-		-		-		-	1900
THOMAS D. JONES	-		-		-		-		-		1900—
JOHN J. MITCHELL -		-		-		-		-		-	1900
LEONARD A. BUSBY	-		-		-		-		-		1901—
ROBERT FORSYTH -		-		-				-		-	1905
CHAUNCEY KEEP	-		•		-		-		-		1906—
FREDERICK H. RAWSO	N			-		-		•		-	1908—
*Deceased											+Resigned

# OFFICERS, 1895–1913

### Presidents

-			-		-		-	1895-1899
SON		_		-		-		1900-1901
t Vice	e-1	re	sia	len	ts			
SON	-		-		-		-	1896-1900
SCUP		-		_		-		1900-1901
_	_		_		-		_	1901-1910
d Vi	ce-	Pr	esi	ide	nts	S		
-	-		-		-		-	1895-1899
Secr	et	ari	es					
-		-		-		-		1895-1900
-	-		-		-		-	1900-1904
-		-		-		-		1905—
Trec	<i>ts1</i>	ire.	r					
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# LIBRARY STAFF, 1913

Librarian	CLEMENT W. ANDREWS
	CHARLES J. BARR
Reference Librarian	EDWARD D. TWEEDELL
Cataloguer	
	J. CHRISTIAN BAY
Malical Defended Tilumian	
Medical Reference Librarian	Audrey Goss
Assistant Reference Librarian -	ROBERT J. USHER
Assistant Cataloguer	MARY E. HAWLEY
Assistant Cataloguer	GERTRUDE FORSTALL
Treasurer's Assistant	Bruno Wilke
Senior Assistants	
EDITHA C. PHELPS	HARRIET HOLDERMAN
SARAH S. DICKINSON	GENEVIEVE DARLINGTON
CHARLOTTE H. FOYE	MARGARET FURNESS
ELIZABETH MONTROSS	GRACE KELLEY
JENNIE A. HULCE	ALPHA L. OWENS
WILLIAM TEAL	Elsa Neiglick
WILLIAM A. BRENNAN	MABEL HAYWARD
Junior Assistants	
CORNELIA C. WHITE	MABEL EAMAN
MARY B. HIBBARD	HENRY BAHNSEN
ALBERTA M. WHIDDEN	A. Frederic Gronberg
CLARA B. TOUZALIN	MARGERY C. COOPER
HELEN D. BROWN	HARRIET E. PENFIELD
JACOB L. FOX Attendants	MARY L. REIDER
JOHN A. KRAUTH	PAUL BRENNAN
Lucy A. Curtis	EDSON A. FREEMAN
ROSCOE C. EATON	Cameron T. Latter
ARTHUR E. OLSON	HELMUTH BAY
HANS KLEINERT	HELMUIH DAY
WILLIAM JAFFE	DANIEL BAUER
HARRY NOSEK	ALPHONSE COMYN
Charles Olson	TILLIHONSE COMIN
	9
Janitor	
WILLIAM J. JONES	S
Assistant Janitors	
August Carlson	NICHOLAS MEYER
6	

### REPORT OF THE PRESIDENT

TO THE GOVERNOR OF ILLINOIS:

In accordance with the provisions of an act entitled "An Act to encourage and promote the establishment of free public libraries in cities, villages, and towns in this state," approved June 17, 1891, under which this corporation is organized, the Directors of The John Crerar Library submit their eighteenth annual report, for the year 1912.

No change has occurred in the membership of the Board, which is composed of the following persons: E. W. Blatchford, Robert T. Lincoln, Henry W. Bishop, John M. Clark, Frank S. Johnson, Peter Stenger Grosscup, Marvin Hughitt, Thomas D. Jones, John J. Mitchell, Leonard A. Busby, Robert Forsyth, Chauncey Keep and Frederick H. Rawson, together with Carter H. Harrison, Mayor of Chicago, and John E. Traeger, Comptroller, ex-officio members.

The officers of the Library are as follows: President, Peter Stenger Grosscup; First Vice-President, Thomas D. Jones; Second Vice-President, Robert Forsyth; Secretary, Leonard A. Busby; Treasurer, William J. Louderback; Librarian, Clement W. Andrews.

The Special Committee on Site, appointed in 1911, after careful consideration of many offers to sell and to lease, recommended the purchase of the property at the northwest corner of Michigan Avenue and Randolph Street, immediately north of the Public Library. At a special meeting, held April 4, 1912, the Board adopted this recommendation and title was taken on May 1, 1912. The property thus acquired has a frontage of 135 feet on Michigan Avenue and one of about 128 feet on Randolph Street. It consists of "the south twenty-one feet of lot 20 and all of lots 21, 22, 23, 24 and 25 in block 10 in Fort Dearborn addition to Chicago." There are on it at present one seven-story brick building of modern fire-proof construction and three five-story older brick buildings. All of these are under leases running to 1919 or 1920 but these leases can be terminated on May 1, 1915.

The character of the Library as a reference library, the wide distribution of the residences of the readers, and more especially the large proportion of use by business men, physicians, engineers and others having offices in the business district of the city, have convinced the Directors that a central location is necessary to develop the greatest usefulness of the institution. The site selected offers this great advantage combined with unobstructed light and air.

The utilization of the property to the fullest possible extent would provide for about one hundred and fifty years, but it is the intention of the Directors to build at first on a portion only, treating the remainder as an income-producing investment until needed for extension.

As 1916 is the earliest date at which the building can be ready for occupancy, the Directors have arranged with Marshall Field & Co. for the extension of their lease of the present quarters until then, and have secured additional space which will provide for the most essential needs of the Library.

The year has seen the usual growth of the Library and also an increase in the use made of it by the public. It now contains 307,350 volumes, 3,699 maps and plates, and some 96,300 pamphlets. It receives currently 3,493 periodicals and 10,502 other serial publications. The total use was more than 480,000 books and periodicals, and the recorded attendance was 154,834. For further details reference is made to the appended report of the Librarian.

The report of the Treasurer, also appended, presents the statement of the income and expenditure for the year 1912, together with a statement of the assets and investments, as required by law.

Respectfully submitted,
PETER S. GROSSCUP,
President.

CHICAGO, January 16, 1913.

## REPORT OF THE TREASURER

### STATEMENT OF FINANCES FOR YEAR 1912

### CASH

CHOIL	
Cash on hand January 1, 1912:  In bank \$  Librarian, petty cash	9,105.05 131.85 \$ 9,236,90
RECEIPTS	
Collections account income \$	212,620.15
Income Real Estate Investment	32,784.72
Huntington W. Jackson Fund, income	40.00
Henry Gradle Memorial Fund	2,000.00
Bills Collectable	2,669.28
Notes Payable	600,000.00
Investments:	
Bonds	500,300.00
Stocks	239,067.76
Farm Mortage Loans	18,600.00
Certificate of Deposit	100,000.00 1,708,081,91
	Ø7 575 670 07
	\$1,717,318.81
DISBURSEMENTS	
Audited Vouchers \$	171,871.44
Notes Payable	345,000.00
Interest	12,585.33
Investments:	
Farm Mortgage Loans	107,578.29
Real Estate 1	,080,000.00 \$1,717,035.06
Cash on hand December 31, 1912:	
In bank \$	154.73
Librarian, petty cash	129.02 \$ 283.75
•	

### OPERATION

		-			
- I	N	С	O	M	E

	11	NCOME		
General Account:				
Bonds		\$125,055.49		
Stocks		48,630.20		
Mortgage Loan		16,625.00		
Farm Mortgage Loans		9,792.37		
Sundries		1,863.99	\$ 201,967.05	
Rentals			32,784.72	
Huntington W. Jackson Fur	nd	•	40.00	\$ 234,791.77
Less Interest on Notes				12,585.33
Less Interest on Rotes				
				\$ 222,206.44
	EX	PENSE		
Administration:				
Rent, Light		\$ 35,476.69		
Salaries, Wages	\$59,484.68			
Less Credits	489.99	58,994.69		
Supplies		2,808.96		
Printing	6,915.34			
Less Sales	727.74	6,187.60		
Transportation, Postage		1,751.11		
Sundries		2,479.88		
Ins. on Books & Fixtures	8,222.64			
Less Unearned Prem.	6,081.43	2,141.21	\$ 109,840.14	
	-			
Books:				
Books	\$23,856.94			
Less Sales		\$ 22,734.47		
Periodicals	-,	9,549.84		
Binding		10,489.00		
Lettering, Repairs -		1,329.48	44,102.70	
200000000000000000000000000000000000000	-	-,3-,-4-	44,-079	
Buildings and Grounds:				
Repairs		2,897.19		
Depreciation		2,862.21		
Taxes, 1912 (estimated)		9,000.00		
Insurance on Buildings	3212.08	,,		
Less Unearned Prem.	1868.59	1,343.49		
Sundry Expenses		714.28	16,817.17	170,760.10
• -		, , , , ,		
Surplus for year 1912				\$51,446.34

### ASSETS AND LIABILITIES

### ASSETS

Bonds	
	\$2,480,415.95
Stocks	608,396.42
Real Estate	1,080,000.00
Mortgage Loan	475,000.00
Farm Mortgage Loans	289,655.00
Furniture and Fixtures	25,759.97
Book Investment	472,765.92
Accounts Receivable	3.47
Bills Collectable	1,271.12
Unexpired Insurance	7,950.02
Medical Library Purchase Suspense	21,000.00
Cash	283.75
Total	\$5,462,501.62
LIABILITIES	
HINDIBITIES	
Endowment Fund	\$3,500,000.00
	\$3,500,000.00 1,049,608.37
Endowment Fund	
Endowment Fund Building Fund	1,049,608.37
Endowment Fund Building Fund	1,049,608.37 472,765.92
Endowment Fund Building Fund Security Reserve Fund	1,049,608.37 472,765.92 168,640.53
Endowment Fund Building Fund	1,049,608.37 472,765.92 168,640.53 1,000.00
Endowment Fund Building Fund	1,049,608.37 472,765.92 168,640.53 1,000.00 2,000.00
Endowment Fund Building Fund	1,049,608.37 472,765.92 168,640.53 1,000.00 2,000.00 4,486.80

In accordance with the instructions of the Board of Directors, the Building Fund has been increased by the amount of the surplus for the year, \$51,446.34, less the balance of \$1,805.53, from the appropriation for books carried to Book Purchase Reserve and less the seventh annual charge of \$7,000.00 against the Medical Library Purchase Suspense Account, making a total to the credit of the Building Fund of \$1,049,608.37.

The Book Fund has been increased by the amount of the investment during the year, less depreciation, and now stands at \$472,765.92.

The income of the Huntington W. Jackson Fund has been expended for books.

Insurance is in force covering the property of the Library in amounts as follows:

Books -	-	-	-	-	-	-	\$382,000.00
Portraits,	Furni	ture,	Fixt	ures,	etc.	-	28,000.00
Type and	Cases		-	-	-	-	- 5,000.00
Buildings	-	-	-	-	-	-	195,000.00
Boilers	-	-	-	-	-	-	- 20,000.00
Plate Glas	ss (by	pren	ium	only)	) -	-	
							\$630,000.00

Wm. J. Louderback,

Treasurer.

CHICAGO, January 16, 1913.

To the Board of Directors of The John Crerar Library.

Dear Sirs:—We have audited the books and accounts of The John Crerar Library for the year ending December 31, 1912; have examined and priced all securities (other than farm mortgages) which we found to have an aggregate market value exceeding the book value; and have verified the cash on hand and in banks.

We accordingly certify that, in our opinion, the attached statements truly exhibit the cash receipts and disbursements and the operating income for the said year, and the assets and liabilities at its close.

#### THE AUDIT COMPANY OF NEW YORK,

Howard Kroehl, Western Manager.

CHICAGO, January 16, 1913.

### REPORT OF THE LIBRARIAN

TO THE BOARD OF DIRECTORS OF THE JOHN CRERAR LIBRARY.

Gentlemen:—A combination of extensive alterations in the rooms and an unusual amount of illness in the staff has hindered seriously the routine work, yet the amount accomplished is fully up to the records of previous years. The resources of the Library have been strengthened materially and the use made of it has increased as much as could be expected in view of the narrowing margin of available space.

Rooms. In May an additional space of about 650 sq. ft. on the seventh floor of the building, immediately over the Receiving Room, was leased, fitted up with stacks for the storage of about 10,000 volumes, and connected with the Receiving Room by a staircase and book-lift. At the same time a gallery, which provides for about 2,000 volumes, was placed around the Receiving Room. About as much more space on the seventh floor was to be leased in 1913, but hardly had these changes been made when Marshall Field & Co. asked permission to close off all the western light of the Library with the extension of their store building over the court between. The conditions upon which the Executive Committee granted this request allow the Library to extend its fifth floor and mezzanine stacks enough to provide for the most pressing storage needs to the end of the lease and to furnish space under skylights on the sixth floor for the working staff. This space should be large enough but it is not certain that is will be sufficiently well lighted.

Unfortunately the work of construction has been delayed greatly by unforeseen difficulties and the consequent interference with the work of the Library promises to be many times more serious than was expected. It is almost needless to add that the definite prospect of adequate and convenient provision for all needs in the permanent building is most welcome to all interested in the development of the Library.

**Department of Medical Sciences.** The Library has been fortunate in securing the services of Dr. Audrey Goss as Medical Reference Librarian. Dr. Goss is a graduate of the University

of Kansas and of the Medical School of George Washington University. She has had some little library experience, both in public and in medical libraries, and it is hoped that she will develop the usefulness of the department in bibliographical research as well as its convenience as a place of study and reference.

Considerable progress has been made in recataloguing the material still under the Newberry classification, which has been reduced from 350 shelves to 273; the Geibel purchase has all been accessioned and added to the Senn Collection, the uncatalogued portion of which has been reduced from 247 shelves to 220; the Gradle gift has been examined and all volumes not duplicates of works already in the Library have been accessioned.

Special Collections. From the proceeds of its special fund ten volumes have been added to the Huntington W. Jackson Collection on Constitutional Law, which now contains 660 titles, of which 73 have been purchased from the fund.

The Senn Collection on the Medical Sciences is still in process of adjustment.

The Henry Gradle Memorial on the Eye and Ear is also in process of adjustment. The books have been examined and all but about 200 were found to be duplicates of works already in the Library. In accordance with the agreement with the donors these have been sold and the Library's copies will be transferred to the collection. If the Directors approve the recommendation of the Committee on Books the amount realized by the sale of the duplicates will be added to the fund. The income will be spent as stipulated in subscriptions to periodicals. This will be available in 1913, but Dr. Henry S. Gradle has added files for 1912 of eleven periodicals on ophthalmology. A memorial tablet of teak wood has been placed over the shelves.

Following the adoption of a satisfactory classification of the subject, the work of cataloguing the Chanute Collection on Aviation was begun. At present there are in it 271 titles, or about 630 volumes. It is hoped that this work can be completed in 1913.

The Laufer purchase of Orientalia remains in the condition stated last year. It is unfortunate that no arrangements for cataloguing it in connection with the complementary collection in The Newberry Library seem probable in the near future. In its present state the use made of it is small in comparison with what might be expected were it known to scholars. Notwithstanding this drawback the Library has secured from it the distinction of being able to loan to a European scholar a book not known to be in any European library. This is a Japanese reprint of a Chinese work, thought to be the earliest printed book on agriculture and sericulture. This Japanese edition gives the plates in an earlier state than was previously known.

Routine. Perhaps the most important change in the routine was made by the installation of a cameragraph. This instrument permits an attendant without expert knowledge of the art to make photographic reproductions. Its use has proved both greater in amount and wider in scope than was anticipated. It was thought that it would to some extent relieve the Library from granting requests for inter-library loans, and it has done this, but it was not foreseen that there would be requests for copies of ornamental alphabets, lace patterns, and portraits. Care is taken not to reproduce any copyrighted material, but few requests have been refused for this reason. The charge made for the service is twenty-five cents for the first sheet and ten cents for each additional sheet. Each sheet will reproduce two octavo pages. The charge is intended, and probably is nearly enough, to cover the actual cost of time and supplies, without allowing for depreciation of the apparatus or interest on the investment. The more important statistics in regard to the service will be found among the paragraphs on the use of the Library.

Considerable time has been given to the development of the classification. Nearly all the changes made in the seventh edition of the *Decimal Classification* have been adopted and an extension of the sub-section on Aviation has been made for the needs of the Chanute Collection.

The question of how to secure the greatest usefulness of the German inaugural dissertations with the least additional burden on the staff has been considered. It has been decided to bind those of one institution together in volumes forming a series, and to catalogue them by a subscription to five copies of the printed cards of the Royal Library of Berlin.

Attendance. The total number of visitors recorded during the year was 154,834 and the daily average was 493, an increase of 7 per cent over the figures of 1911, which were 143,858 and 462 respectively. This increase is larger than that of the previous year, and is about the average increase since the opening of the Library.

The evening attendance, 91, was three more than in 1911. The average attendance on the five general holidays, 173, was the same as for 1911. The smallest attendance of the year was 115, on December 25th, and the largest was 926 on March 2nd. The figures for 1911 were 88 and 863 respectively.

Use. The recorded number of calls for periodicals from the alcove is ten per cent less than in 1911, being 17,784 as against 19,707. The continued decrease emphasizes the fact that periodical readers find it increasingly difficult to obtain seats at the tables, though a part of it may be due to the increasing difficulty of securing records at times when the use is greatest. On the other hand, as was said last year, the notable increase in the recorded number of calls for books from the stacks from 139,386, to 142,262, can mean only a gratifying increase in the more serious use of the Library. This is still further indicated by the notable increase in the admissions to the stack. Using the same factor as in previous years the total use of the Library in 1912 may be estimated at 480,000 books and periodicals.

A detailed classification of the call slips for books and periodicals and of admissions to the stack is given in the second table of library statistics. The following table gives a comparison of the totals and percentages for each department with the corresponding figures for 1911:

:	RECORDED USE					ADMISSIONS TO THE STACE			
	12	19		19	911				
	Percen		Percen		12 ercent		Percent-		
Total	age	Total	age	Total	age	Total	age		
Unclassified 884		649							
General Works26,792	17	29,764	19	100	3	91	4		
Social Sciences 34,593	22	31,982	20	430 587	II	408	. 17		
Physical Sciences 15,204	9	15,685	IO	587	14	256	IO		
Natural Sciences 8,981	6	9,764	6	317	8	210	9		
Medical Sciences 16,359	IO	14,838	9	944	23	647	26		
Applied Sciences57,233	36	56,411	36	1631	41	848	34		

For almost the first time there are substantial changes in the proportion of use of the different departments, but after examination of the individual subjects these are found to be due to the cumulative effect of many small changes and not to indicate any marked alteration in the character of the reading. Only one subject—history and geography—shows a decrease of one quarter, and only four—statistics, charities, geology, and photography—increases of one-half. The decrease in history and geography restores chemical technology to its former position, making the order for 1912: medicine, engineering, political economy, trade and transportation, physics, chemical technology.

The admissions to the stack were 4,018, an increase of 1,558. Of the admissions recorded, 2,603 were by registration and 1,415 on presentation of 31 passes. Four additional passes have been granted, and four have been canceled, leaving 96 nominally in force.

The loans for use outside the Library again have increased. There were granted 193 requests from 42 libraries and 337 requests from 146 individuals. Four requests from libraries were refused. In 1911 the loans were 481 and the refusals seven. In ten cases the books loaned were asked for while out. Nearly all the loans to individuals are for very short periods, chiefly over night or over Sunday. The loans asked by the Library for its readers were 50 from 7 libraries. All but one were granted.

The calls for assistance by telephone were 529, and the requests for information by letter were 143. The figures for 1911 were 610 and 204, respectively.

As has been stated before, the installation of a cameragraph has enabled the Library to offer a new service. In the eight months during which this has been available there have been filled 71 orders requiring 802 sheets, for which a charge of \$92.45 has been made.

The time required to fill calls has been determined in the same way as for the previous year. The average time was 3.66 minutes, as against 3.65.

The record of the causes of failures to supply books called for, which should have been supplied, is as follows: at bindery, 532; otherwise unavailable temporarily, mostly stolen and not yet replaced, 32; in use by another reader, 627; withdrawn from general circulation, 25; not found on shelves, 290; errors of

library assistants or records, 105; total, 1,611. The total is 1.13 per cent of the total call slips presented, while in 1911 the percentage was 1.09 and in 1910 was 1.52. Excluding the first four causes as unavoidable, the avoidable failures were 395, or 0.28 per cent; in 1910 and 1911 the percentage was 0.23.

**Publications.** In May the Library issued its *Seventeenth Annual Report*, a pamphlet of 76 pages. An edition of 5,500 copies was printed and distributed.

For several reasons, particularly the pressure of the large orders for catalogue cards upon the appropriation for printing and the absences of the staff, it did not seem advisable to press to completion any of the publications authorized by the Board. Should it be desired the List of Histories of Arts and Industries, the Supplement to the List of Histories of Science and the first section of the second edition of the List of Bibliographies of Special Subjects could all be made ready for the printer within a few months, but it might be better to postpone the last until 1914.

The numbers of the various publications remaining in stock are given in the following table, which shows their distribution during the year.

		DISTRIBUTION						
		C	On hand					
TITLE	Date	Edition	Jan. 1	or Gift	Sale	Dec. 31		
Current Periodicals Bibliographies of Special	1902	1,000	163	15	7	141		
Subjects		966	37	8	4	25		
Books on Industrial Arts		980	63	13	7	43 148		
Bibliography of Union Lists		317	166	15	3 8	148		
Books Exhibited		2,000	974	14		952		
Books in Reading Room		956	268	12	18	238		
Current Medical Periodicals		1,000	87	17	17	53		
Handbooks, 1910	1910	1,280	263	218		45		
History of Science	1911	1,000	364	32	13	319		

A second edition of the *Educational Opportunities in Chicago*, containing a revised sketch of the Library, was issued by the Council for Library and Museum Extension on the occasion of the annual meeting of the National Educational Association in July.

Printed Cards. The distribution of one copy of each catalogue card to the Armour Institute of Technology, Chicago

Public Library, Field Museum of Natural History, Library of Congress, Northwestern University, University of Chicago, and the University of Illinois has been continued; also the sending of one copy of each card printed by the Library to Harvard University, New York State Library, Princeton University, St. Louis Public Library, University of California, University of Michigan, and Yale University. To the second list Columbia University and the Royal Library at The Hague have been added and the Cincinnati Public Library has been dropped. Seven important partial orders were received.

No order for a complete set of the printed cards of the Library has been received during the year, but the completion of those previously ordered has been a serious task and the total distribution has been far larger than for any year except 1911. It amounted to 284,351 cards, of which 80,017 were sent to the depository libraries, 3,021 sent as gifts, and 201,313 sold or sent in exchange.

From the Library of Congress there have been received 46,159 cards, making a total of 525,770; from Harvard University 5,376; from the Royal Library of Berlin 16,927; from the Royal Library at The Hague 7,167; and from the University of Illinois 2,300; making a total of 557,540 in the Union Catalogue.

The Universities of Illinois and Michigan have very kindly offered to send their multigraphed cards, which will be added to the Union Catalogue.

The Royal Library at The Hague has accepted the offer of the Library to exchange printed cards from 1910. This will enable the Union Catalogue to furnish adequate information on current Dutch publications.

The offer of the Royal Library of Berlin was mentioned in the report for 1911. An order for one copy of all titles, to be placed in the Union Catalogue, has been given; also an order for five copies of the titles of German dissertations. Experiments to determine the possible usefulness of these cards in general cataloguing have been made, with some prospect of advantage, though not as much as if orders could be given from the proofsheets. As this was not possible, ordering from Hinrichs' Weekly List was tried. Although the orders were given im-

mediately upon the receipt of the list, the experiment failed, chiefly because the orders were still too late. At present one of the staff of the Royal Library has undertaken to send the desired number of cards, 35, for titles of new books in German within the scope of The John Crerar Library. In so doing he omits new editions, mere text books, and all titles not entered under a personal name. Two instalments have been received and all the titles sent are for works which the Library either has or ought to secure. Many of them are for serial publications which have not been analyzed because of lack of time. The cordial co-operation of Dr. Schwenke and the Royal Library in these experiments is gratefully appreciated.

The conditions necessary for success are as yet so undetermined that any report of figures would be misleading, though it may be well to note that one set has actually been placed in the public catalogues, and that 83 more are on hand for use.

Much the same might be said of a similar experiment with Harvard cards, though here the possibilities are much smaller, being limited practically to series entries, pamphlets, and older books in the Senn and Gerritsen collections. Still five sets have been used and 24 are on hand for use.

Selection and Ordering. The selection of new titles is almost up to date, and about one-half of the older titles were revised during the year. The gain in ordering has not been so marked, but has been substantial. A system of ordering in two series, the first containing the books most likely to be asked for, was tried. Unfortunately the accumulation of titles of this class had been so great that each subject was ordered once or twice only instead of four times, as was planned. Evidently this frequency cannot be obtained for some time to come, but the method seems to fit the needs of the Library. In the second series of orders, including all available titles on a given subject, the remainder of the Social Sciences was covered and the Physical Sciences were begun.

During the year 12,448 orders were given. Of these 980 failed or were canceled, leaving 11,468 valid orders, covering, with the standing orders for continuations, 15,480 volumes at an estimated cost of \$25,275; 10,331 orders were filled, covering 17,429 volumes at a cost of \$22,734. There are left outstanding, in

addition to the orders for continuations, 3,451 orders, at an estimated cost of \$4,557; of these 1,091 were given before January 1, 1912. The distribution of the orders of the year, of the total to the end of 1912, and the estimated cost, to the nearest dollar, are given in the second table of library statistics. The unclassified orders were for small lots of miscellaneous pamphlets.

Accessions. The total accessions of volumes for 1912 have been 21,005, of which 3,576 have been received as gifts and 17,421 obtained by purchase. Volumes made by binding serials are included in these figures. There have been withdrawn 484 volumes, leaving the net accessions for the year 20,521, which, with the 286,829 reported for 1911, make a total now on the books of 307,350. There remain to be entered only the Laufer purchase, about 14,000 volumes, and about 3,000 volumes of the Gerritsen purchase. These have their own catalogues and particular books can be obtained when asked for, so that the total number of volumes available is about 324,000.

The accessions of maps and plates for 1912 were 640, and the total entries are 3,699.

Few pamphlets have been obtained by purchase, but the number received as gifts was 19,069, about one-half more than in 1911 and nearly equal to the maximum. Author slips for 5,767 titles were filed in the official catalogue and the classified collection has been increased by 9,946 pamphlets. The last number includes the preceding, but these two have no necessary connection with the first. Many of the pamphlets received are duplicates and many more are continuations or for various reasons are put elsewhere than in the pamphlet collection. On the other hand, many pamphlets already in the Library have been classified and entered in the official catalogue. the 9,946 net accessions in the classified collection, 1,254 were from the Gerritsen purchase, 831 from the Senn Collection, and some 200 from other accumulations, leaving some 7,400 as the new accessions of the year. The total in the Library is approximately 96,300. Their classification is shown in the second table of library statistics.

The following table shows the distribution of the net accessions for 1912 and of the totals entered, by departments, together with the percentages of the classified volumes:

		1912			TOTAL	
DEPARTMENT	Volumes	Per cent	Pamphlets	Volumes	Per cent	Pamphlets
Unclassified				16,035		34,520
General Works	3,370	16	959	41,485	14	10,466
Social Sciences		34	4,448	75,852	26	19,287
Physical Sciences	1,308	6	419	25,154	9	2,171
Natural Sciences	1,960	10	580	30,019	IO	2,865
Medical Sciences	3,423	.17	2,135	59,943	21	18,885
Applied Sciences	3,390	17	1,405	58,862	20	8,069
Total	20,521		9,946	307,350		96,263

The new method of ordering will always produce temporary irregularities in the growth of the Library so that it would be a more exact test of the proportionate growth to compare the present percentages of the total number of volumes with those of five years ago. Such a comparison shows that General Works have dropped one point, Social Sciences gained four, Physical Sciences remained the same, Natural Sciences dropped one, Medical Sciences dropped two, and Applied Sciences remained the same.

The periodicals currently received are 3,493, of which 852 are received as gifts and 2,641 by subscription, at an estimated yearly cost of \$9,501.96. Their classification is shown in the second table of library statistics.

The assistant in charge of the Continuation Record reports 1,161 titles added to the list and 246 withdrawn, leaving 10,502 at the end of the year. About 4,334 are obtained by subscription, at a cost in 1912 of \$5,763.30. These furnished 1,530 volumes entered on the record of accessions. The other continuations were received as gifts or in exchange, and furnished 1,154 volumes. For the gifts 1,118 first and 180 second requests were sent and 9 reported to the Librarian for personal letters. For the purchases 326 first and 13 second notifications were sent and 26 reported to the Librarian.

The Library was fortunate enough to be able to repeat the experiment of co-operative buying in Europe through Dr. Lichtenstein, of Northwestern University. Its commission was for \$4,500, nearly the same amount as in 1911, and on exactly the same lines. The results were equally satisfactory. Dr. Lichtenstein secured for the Library 168 volumes of miscellaneous works; 264 volumes on the ethnology of Eastern Europe; 1,127 volumes to complete or extend the files of 62 periodicals; 204 volumes on the history of science and the industrial arts; and

259 volumes of government documents and publications of international congresses. All of the miscellaneous works and many of the others were out of print or not in trade, and had been ordered in vain from second-hand dealers. A considerable number were Spanish and South American publications, which are especially hard to obtain. All departments of the Library and nearly all its subjects were represented in the purchases. They were chiefly works of moderate cost, but the fac simile edition of Hubner's Sammlung exotischer Schmetterlinge and a set of the works of Archduke Ludwig Salvator were exceptions.

An order has been placed for all German theses, school programmes, etc., on all subjects within the scope of the Library, beginning with those of 1912. It is estimated that there will be received about 4,000 a year. Although admittedly of secondary importance occasional ones are very useful and sometimes greatly sought. Their treatment as already outlined will not be a serious burden in proportion to the advantages of having them.

Again it would take too much space to mention all the files of periodicals which have been completed, but among the more important are:

Anales del Museo nacional de Montevideo, Annales scientifiques, iudustrielles et statistiques de l'Auvergne, Annali dell Ufficio centrale meteorologico geodinamico italiano, Annuaire de la Société météorologique de France, Mémoires de l'Académie des sciences, lettres et arts d'Arras, Mémoires de l'Académie des sciences, belles-lettres et arts de Savoie, Mémoires de l'Académie des sciences, belles-lettres et arts de Clermont-Ferrand, Mémoires de la Société de physique et d'histoire naturelle de Genève, La Naturaleza, Il Nuovo cimento, Papier Zeitung, Rad Jugoslavenska akademija znanosti i umjetnosti, Transactions of the New Zealand Institute, Zeitschrift für Zuckerindustrie in Böhmen.

The number of gifts was considerably larger than in 1911 and approached the record of 1910. There were received 7,920 volumes and 19,069 pamphlets from 2,963 donors. The volumes entered in the accession record were 3,576. The figures for 1911 were 7,334 volumes, 13,858 pamphlets, 3,020 donors, and 5,076 entries.

Several collections of medical books were received from physicians of the city, the largest of which were from Drs. Fischkin, Geiger, Goldspohn, Harpel, C. N. Johnson, Murphy, Porter and Ridlon, Wadsworth, and Wensten.

Two collections on insurance were received from Messrs. J. H. Nitchie and C. E. Rollins, one on municipal affairs from the Chicago School of Civics and Philanthropy, one on engineering from the Western Society of Engineers, and more general ones from Mrs. Lewis Watson and the estate of Edgar Sanders.

The Government of New Zealand has very kindly sent their current publications, a welcome addition to the collection of public documents.

Duplicates. The sales of the year amounted to 1,311 volumes and 23 numbers for \$857.35. On priced exchange 599 bound volumes, 665 unbound volumes, 988 pamphlets and 7 numbers, valued at \$572.70, have been sent; 447 bound volumes, 25 unbound volumes, 178 pamphlets, and 28 numbers, valued at \$216.53, have been received. On piece exchange 10 bound volumes, 21 unbound volumes, 235 pamphlets and 53 numbers have been sent; 289 volumes and 8 pamphlets have been received.

Inventory. The seventh inventory has been continued. Nearly double the usual amount of time has been given to it and shelf-numbers 500 to 599 and 700 to 999 have been read, 147 serious misplacements corrected, and 63 books reported not found. As 14 previously reported have now been found the net loss discovered is 49 out of 72,000, or 0.07 per cent. In addition, four books are known to have been taken from the stacks from shelves not read this year. From the Senn Room twelve have disappeared, but two have been found, while from the main Reading Room 22 have been taken. As there are about 8,000 volumes in the two rooms the percentage of loss from the open shelves was 0.27. The total loss discovered in sixteen years is 270, or 0.09 per cent. Twelve cases of mutilation of books have been reported.

The precautions indicated in the last report appear to have checked the theft and mutilation of periodicals. Forty-four numbers have been taken and 34 mutilated as against 78 and 47 in 1911. All but seven of those missing in both years have been replaced.

Binding. On January 1, 1912, there were at the binderies 862 volumes, and 10,413 were sent during the year; 9 were returned as incomplete, and 10,563 bound; leaving 703 at the binderies December 31, 1912. About one-quarter were bound by The Newberry Library. The cost of binding was \$11,489.00, an average of \$1.09 per volume. The cost of shelf-marking the accessions of the year, together with a considerable amount of repairing, inserting book-plates, and similar work, was \$1,329.48.

Catalogues. The Cataloguer reports that during the year 5,382 new titles have been prepared for print; 180 new titles typewritten; 92 titles prepared for print to replace old typewritten titles, and 23 to replace Library of Congress titles; 4,756 titles received from the Library of Congress have been classified for the catalogues; 714 titles have been prepared for the cooperative analysis of serials. The total number of titles treated by the Cataloguer and Classifier and their assistants has been 12,891, an increase of 930 over 1911. The titles reprinted in correction of errors were 47, and for other alterations 939. Cards for 5,901 new titles and 1,005 reprinted titles were received from the printer, electrotypes for 9,065 new titles, and 518 reprinted titles from the electrotypers. The total number of separate titles prepared for print to date is 87,897; of sets of cards received, 86,887; of electrotypes, 53,940.

The number of orders sent to the Library of Congress on triplicate order sheets was 12,601, and reports were received on 12,516, leaving 85 outstanding. There were cards for 2,320 titles on hand January 1, 1912; 6,801 were received during the year, and 18 were taken from the file of those previously withdrawn; cards for 4,948 were used, and for 654 withdrawn from the file, leaving those for 3,537 on hand December 31. Of those withdrawn 596 titles were returned to the Library of Congress and 6 were replaced by reprinted cards. Of the 6,801 titles received, 714 were analytical titles from 315 serial publications. Of the 3,537 titles on hand, 503 are for book orders before 1912, 1,692 for those of 1912, 459 for regular standing orders and 883 for two special analytical orders.

The work of the Library in the co-operative analysis of serials has been continued. It has supplied 714 titles and has received cards for 2,757. Of the titles received, 516 have been

filed in the public card catalogues; one copy of 1,377 filed in the official catalogue; and 632 have been sold.

There have been added 26,340 cards to the classed catalogue, which now contains some 137,300 titles on 355,832 cards, an average of 2.59 cards per title; 17,841 cards have been filed in the author catalogue, which now contains the same 137,300 titles on 243,600 cards, an average of 1.77 cards per title; 982 guides and 3,942 cards have been added to the subject index, which now contains 22,800 guides and 48,300 cards covering 114,200 titles, an average of 0.42 card per title.

The distribution of the cards in the classed catalogue, by departments, is shown in the following table:

		CARDS
DEPARTMENT	1912	TOTAL
General Works	8,902	119,897
Social Sciences	7,377	88,410
Physical Sciences	1,100	25,825
Natural Sciences	2,324	42,148
Medical Sciences	2,870	23,723
Applied Sciences	3,767	55,829
Total	26,340	355,832

Of the 137,300 titles in the public catalogues about 85,400 are on cards printed by the Library, about 41,000 on Library of Congress cards, and about 10,300 on A. L. A. co-operative cards.

There have been added 7,891 cards to the index of government publications, making a total of 59,501 in this index. The index of analytical cards issued by the U. S. Bureau of Education has received 874 cards, and now contains 10,515 cards.

Notwithstanding the unusual obstacles to effective work and the somewhat larger total of accessions, the cataloguing staff has been able to take care of the accessions of the year, to do considerable work, as previously stated, on the arrears in the Department of Medical Sciences, and in the Gerritsen purchase, and also to catalogue summarily the maps of the Ehrenburg purchase. The total number of shelves of arrears of all kinds has been reduced from about 1,290 to about 1,166.

Meetings. The Library has been represented officially by the Librarian and unofficially by six other members of the staff at the annual meeting of the American Library Association at Ottawa, June 26th to July 2nd; officially by the Librarian at the annual meetings of the National Association of State Libraries and the Special Libraries Association at the same place and time; officially by the Assistant Librarian and unofficially by two other members of the staff at the joint meeting of the Illinois Library Association and the Missouri Library Association at St. Louis, October 24th to 26th; officially by the Librarian at the dedication of the new building of the Education Department of New York, at Albany, October 14th to 17th; and officially by the Librarian or the Cataloguer at the regular meetings of the Council for Library and Museum Extension.

Staff. The following persons have resigned: Miss Ruth Woolman, junior assistant; Misses Alice Brown and Elsebeth Martens and Messrs. Julius Clemens, Jesse T. Grayston and Moe A. Natanson, attendants; August Huntscha and Benjamin Jaffe, pages; William Chappell, assistant janitor. Two pages have been dismissed.

The following have been appointed: Dr. Audrey Goss as Medical Reference Librarian; Miss Lucy A. Curtis and Messrs. C. T. Latter, Helmuth Bay and Hans Kleinert as attendants; William Jaffe, Harry Nosek, Daniel Bauer, Alphonse Comyn and Charles Olson, pages; Nicholas Meyer, assistant janitor.

The following have given temporary service: Mr. R. J. Usher as Reference Librarian; Mr. J. C. Bay as Medical Reference Librarian; Mr. D. A. Hooker as Assistant Reference Librarian; Misses Mabel Eaman, C. B. Touzalin, and K. M. Reed as senior assistants; Misses A. M. Baxter, J. A. Hall, and E. R. Sackett as junior assistants; Miss R. B. Lane as attendant.

The changes in the staff have not been especially numerous but the temporary disturbances due to illness have been extraordinarily so. A long illness of the Reference Librarian made necessary a temporary reorganization of the work, which was further complicated by the breakdown of one of his assistants; but these proved to be only the forerunners of a constantly increasing amount of absence, which culminated in the month of December in no fewer than nine absences for illness, two on leave and two unfilled vacancies. As the whole staff is under 60, it

will be seen that the amount of time lost is proportionately large. Indeed the effect on certain lines of the routine must be more than proportionate, for the direct service to the public must be maintained, if necessary, at the expense of other work.

That the effect has not been greater is due largely to the earnest and faithful work of the staff, for which I would ask the appreciation of the Board.

Respectfully submitted,
CLEMENT W. ANDREWS,

CHICAGO, January 16, 1913.

Librarian.

## LIBRARY STATISTICS: I

RECORD OF ATTENDANCE AND USE FOR 1912

		× .		
IN- CREASE PER CT.	1 4	H	°10	63
TOTAL 1911	143,858	139,386	19,707	2,460 63
Тотаг 1912	154,834	13,430 14,250 15,780 12,552 11,830 9,093 9,895 9,398 8,464 12,077 13,781 11,712 142,262 139,386 9,7 570 570 570 570 570 570 570 570 570 57	17,704	4,018
DEC.	11,925	11,712	1,431	325
Nov.	13,502	13,781	49	363
Ост.	13,334	12,077	52	351
SEPT.	10,363	8,464	56	310
MARCH APRIL MAY JUNE JULY AUGUST	10,544	9,398	49	317
JULY	11,454	366	49	296
JUNE	11,413	9,093	50	302
Мау	13,077	11,830	1,44/	411
APRIL	13,761	12,552	1,492	373
	15,857	15,780 607	1,1/4	368
FRB.	14,883	13,430 14,250 15,780 12,552 11,830 9,093 9,895 497 570 607 483 438 364 366	1,020	311
JAN.	14,721 545	13,430	75	291
•	Visitors	Calls for Books from Stack	Daily Average	Visitors Admitted to Stack

Smallest attendance, 115 on Dec. 25th. Largest attendance, 926 on Mar. 2nd. Smallest number of calls for books, 117 on July 4th. Largest number, 992 on Mar. 2nd.

\*Decrease

	1912	154,834	142,262	17,784	4,018	307,350
	1161	143,858 462	139,386	19,707	2,460	286,829
	0161	138,353	124,819 399	19,990	2,430	268,153
	6061	134,579	107,006 343	20,261	2,437	251,281
	1908	130,049	108,662	20,980	2,671	232,403
	1907	18,584 30,516 34,827 41,697 54,828 66,512 76,429 87,494 92,244 101,839 109,677 130,049 134,579 138,353 143,858 154,834 80 99 113 134 175 213 244 279 296 321 351 414 430 442 462 493	104,435	17,449	1,690 1,944	215,144
	9061	101,839 109	113,565	14,722	1,690	197,440
RS	1905	92,244	67,386 216	15,472	1,681	142,971
BY YEA	1904	87,494	59,561 190	15,178	1,608	123,018
COMPARISON BY YEARS	1903	76,429	50,264	13,264	656 1,017 1,019 1,046 1,167 1,193	103,291
COMPA	1902	66,512	39,606	12,250	1,167	89,219
	1901	54,828	32,193 103	9,741	1,046	76,432
	1900	41,697	23,996	8,667	1,019	65,645
	1897 1898 1899 9 MOS.	34,827	18,890	8,013	1,017	55,223
	1898	30,516	15,367	7,213	969	43,061
	1897 9 MOS.	18,584 8c	6,995	3,864	359	29,141
		Visitors Daily Average	[28] Language Languag	Calls for Periodicals from Meave 3,864 7,213 8,013 8,657 9,741 12,250 13,264 15,178 15,472 14,722 17,449 20,980 20,261 19,990 19,707 17,784 Daily Average 17 23 26 28 31 39 42 48 50 47 56 67 65 64 63 57	Visitors Admitted to Stack	Volumes in Library 29,141 43,061 55,223 65,645 76,432 89,219 103,291 123,018 142,971 197,440 215,144 232,403 251,281 268,153 286,829 307,350

## LIBRARY STATISTICS: II

						ACCE	ACCESSIONS		i i		0		
Subjects		ORI	ORDERS		Vor	VOLUMES	PAMP	PAMPHLETS	LEK	rekionicats	NEC	NECORDED USE	SK
	Ĭ	1912	Te	Total	1912	Total	1912	Total		1912		1912	
	Vol.	Est. Cost*	Vol.	Est. Cost*	No.	No.	No.	No.	No.	Cost	Books	Period-	Stack
UNCLASSIFIED	53	\$ 12	55,932	55,932 \$58,371	172	16,035	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	34,520	1 1 1		884	1	1
I.—General Works:		,											
o Miscellaneous	120	156	2,330	6,340	10	1,138	305	5,092	II	\$ 19 47	2,970	130	12
I Bibliography	229	631	4,473	11,644	300	6,232	49	1,219	150	402 87	1,112	149	4
2 Library Economy	9	64	1,773	1,825	125	2,485	91	847	2		441		1
3 Cyclopedias	9	III	1,383	2,765	89	1,409	Н	14	1	1 1 1 1 1	303		2
4 Collected Works of Authors .	I	2	335	986	17	362	8 2	4	-	1 1 1	307		1
5 General Periodicals	30	38	3,325	4,130	636	5,850	147	540	117	306 75	4,966	3,818	6
6 General Societies	410	828	4,835	14,216	458	06069	ıΩ	72	120	286 84	196'1		13
7 Exhibitions and Museums	40	140	1,472	1,722	57	1,518	34	378	56	29 70	279		4
o Philosophy	16	112	1,927	2,716	92	2,010	53	170	17	40 62	394	28	7
13, 15 Psychology	175	204	2,149	2,799	312	2,502	9	23I	47	139 18	4,361	112	∞
	20	94	166	1,965	89	988	22	89	1 1	1 1	546	-	I
	497	1,150	6,361	13,198	573	7,859	163	1,631	∞	6 22	3,777	!	17
	70	69I	1,716	3,605	199	2,052	104	200	31		869	132	34
	1,833	\$3,749	33,070	\$67,911	3,370	41,485	656	10,466	597	\$1,364 89	22,286	4,506	100
II.—Social Sciences:													
ry Ethics	40	\$ 26	1,225	\$ 1,065	117	1,337	119	579	∞	\$ 5 20	1,341	56	;
	36	28	607	872	79	816	174	895	7	OI I	1,054	39	Ι
	III	146	3,909	4,403	292	3,558	168	440	59		4,083	200	183
	322	484	2,869	3,717	389	3,166	29	82	44		635	7	7
32 Political Science	385	523	2,872	3,583	487	4,933	266	266	91	17 67	2,332	75	22
33 Political Economy	1,474	1,498	11,491	11,304	1,490	13,935	1,383	5,308	193		8,368	1,111	51
Law	172	365	1,831	3,683	399	2,703	124	479	13		1,542	20	9
Š,													
	746	1,037	10,332	11,012	1,447	25,697	398	1,887	9/	216 12	2,881	001	21
	394	521	3,213	3,189	629	2,761	604	1,887	9		2,393	125	6
37 Education	1,050	1,294	7,950	7,059	1,053	10,692	682	5,186	152		4,081	203	52
38 Commerce and Communica-													
	386	416	2,658	3,366	334	4,648	96	874	67	74 90	1,622	431	75
39 Customs, Folklore, etc	304	239	1,521	1,889	182	1,606	405		81	17 14	1,896	19	3
	5,420	5,420  \$ 6,607	50,478	50,478  \$55,142   6,898	868,9	75,852	4,448	19,287	713	\$1,104 58	32,228	2,365	430

\* To nearest dollar.

						ACCESSIONS	SIONS				,		
Subjects		OR	URDERS		Vol	VOLUMES	PAMPHLETS	ILETS	PER	FERIODICALS	KEC	KECORDED USE	JSE
	1	1912	To	Total	1912	Total	1912	Total		1912		1912	
III.—PHYSICAL SCIENCES:	Vol.	Est.Cost	Vol.	Est.Cost	No.	No.	No.	No.	No.	Cost	Books	Period-	Stack
50 General Works	215	\$ 1,022	4,353	\$ 7,925	171	4,056	26	<b>81</b> .	39	20 ĭ6 \$	650	30	01
51 Mathematics	135	595		7,233		3,746	52	124	40	118 69		46	82
52 Astronomy	147	338		7,873		3,980	37	285	41		_	31	3
	487	545		10,479	454	7,208	III	851	89			856	372
54 Chemistry and Mineralogy	196			10,214	341	6,164	163	731	20	- 1	_	891	117
	1,180	\$ 2,504	23,063	\$43,724	1,308	25,154	419	2,171	238	\$ 963 85	14,073	1,131	587
IV.—NATURAL SCIENCES:		3	1		,	6 500	1	170	001		1 010	1	00
so Palæontology	293	289	7,70	77/01	200	277.	25/	, , , ,	9	71 777		J, C	3 00
57 Biology and Natural Sciences		3	2/0		δ <sub>0</sub>	1	`	3	>			1	)
in General		1,082	8,494	26,305		8,038	65	425	182			33	54
58 Botany	272	1,263	5,237	17,340		5,477	47	379	46	333 70		23	84
59 Zoölogy	279	1,264	8,136	34,831	381	8,339	104	940	132		3,098	47	68
	1,516	\$ 4,443	28,260	\$92,313	1,960	30,019	580	2,865	525	\$2,173 75	8,851	130	317
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of Trade and Transportation	104	14/	6,183	7,50,0		1,000	647	1 176	128			700	
66 Chemical Technology	242	764	4 207	8,004		7001	000	609	170		1,730	200	
67. 68 Manufactures and Trades	240	347	2.730	1.457		3.556	136	200	0.7			663	
69 Building	102	176	1,843	3,156		2,165	33	310	30			307	
71 Landscape Gardening	48	57	740	1,173		845	151	331	,9			161	. 61
72 Architecture	49	261	1,214	3,762		1,803	18	110	27			640	'n
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Total	2,560	\$ 4,624	46,593	\$77,904	3,390	58,862	1,405	8,069	758	\$1,791 22	47,581	9,652	1,631
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Chicago, Dept. of Electricity, Chicago, Ill	Chicago, Ill
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tion, Chicago, Ill	Chicago, West Chicago Park Com-
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Ill	<i>Ill</i>
Chicago Home for the Friendless,	Chicago Young Men's Christian
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cine, Chicago, Ill	apolis, Ind
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$C\bar{h}icago, Ill$ 1	Chicago, Ill.
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$delphia, Pa. \dots I$	Philadelphia, Pa I
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field, Mass I City Messenger, Cambridge, Mass. 2	Williamsburg, Va
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cago, Ill	Colorado, Auditor General, Denver,
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son College, S. C	Colorado Scientific Society, Denver,
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land, O	Colorado, Supt. of Public Instruc- tion, Denver, Colo
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ment Station, Storrs, Conn 7	Cornell College, Mt. Vernon, Ia 8
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tistics, Hartford, Conn I Connecticut, Colony for Epileptics,	tin, New York, N. Y I
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rance Co., Hartford, Conn 2 Connecticut Society of Civil En-	N. Y I Crefeld, Stadtbibliotek, Crefeld,
gineers, Hartford, Conn I	Prussia 2
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Cuba, Congress, Camara de Representantes, Biblioteca, Ha-	Denning & Rogers Publishing Co., Boston, Mass
vana, Cuba	Democratic National Committee,
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	tion of Southern California, Los
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Salt Lake City, Utah 1	Norway	4
Utah, Conservation Commission, Salt Lake City, Utah	Vienna Handels- und Gewerbekam- mer, Vienna, Austria	3
Utah, Engineering Experiment Station, Salt Lake City, Utah	Virginia, Agricultural Experiment Station, Blacksburg, Va	0
Utah, Executive Chamber, Salt	Virginia & Southwestern Railway	9
Lake City, Utah I Utah, State Board of Equalization,	Company, New York, N. Y Virginia, Dept. of Agriculture and	2
Salt Lake City, Utah 1	Immigration, Richmond, Va	I
Van Cleef Bureau, Chicago, Ill 24 Van Cleef, Eugene, Duluth, Minn. 1	Virginia, Dept. of Health, Rich- mond, Va	2
Van Cleve, Paul, Chicago, Ill 1	Virginia, Dept. of Public Instruc-	1
Van Nostrand, J. J., New York, N. Y	tion, Richmond, Va	7
Vanadium Sales Company of	Richmond, Va	I
America, Pittsburg, Pa 6 Vancouver, Board of Trade, Van-	Virginia Geological Survey, Char- lottesville, Va	5
couver, B. C	Virginia, Secretary of the Common- wealth, Richmond, Va	6
Tenn. I	Virginia, State Corporation Com-	
Vassar College, Poughkeepsie, N. Y. I Vasser Brothers' Institute, Pough-	mission, Richmond, Va	3
keepsie, N. Y	Va	4
Francisco, Cal	Richmond, Va	1
Vedanta Centre, Boston, Mass I Vegetarian Magazine, Chicago, Ill. I	Virginia, Treasurer, Richmond, Va. Visiting Nurse Association, Chicago,	1
Venezuela, Ministerio de Fomento,	Ill	I
Dirección General de Esta- distica, Caracas, Venezuela 1	Vocation Bureau, Boston, Mass Volta Bureau, Washington, D. C	13
, , , , , , , , , , , , , , , , , , , ,	,	

Volumes or Pamphlets.	Volumes or Pamphlets.
Volunteers of America, Chicago, Ill. 1	Washington University, St. Louis,
Von Klein, Dr. Carl H., Chicago,	Westertown Public Library Water
Voorhees Industrial School, Den-	Watertown Public Library, Water- town, Mass
mark, S. C 1	Watson, Mrs. Lewis, Chicago, Ill.176
Voter, Chicago, Ill	Watt, Charles E., Chicago, Ill 1
Wabash College Crawfordsville	Weber, Hans von, Munich, Germany Webster, W. T., Minneapolis, Minn.
Wabash College, Crawfordsville, Ind	Weigel, Theodor Oswald, Leipzig,
Wabash Railroad Company, St.	Germany I
Louis, Mo	Wellcome Chemical Research Lab- oratories, London, Eng 17
Wagner Free Institute of Science,	Wellesley College, Wellesley, Mass. 1
Philadelphia, Pa 2	Wells College, Aurora, N. Y 2
Wahl-Henius Institute, Alumni Association, Chicago, Ill 2	Werber, Dr. Gustavus, Washington, D. C
Wakefield, S. B., & Co., San Fran-	Wesleyan Academy, Wilbraham,
cisco, Cal I	Mass 2
Wale, William, London, Eng I Walker, Albert H., New York, N.Y. 5	Wesleyan University, Middletown, Conn 4
Walker, Dr. James W., Chicago, Ill. 57	West Chicago Park Commissioners.
Wallasey Public Libraries, Seacombe,	Chicago, Ill
Wangeman A., Chicago, Ill 23	West Hartlepool, Eng 1
Warbasse, Dr. James, Brooklyn,	West India Committee, London,
. N. Y 10	Eng.
Ware, Dr. Lyman, Chicago, Ill 15	West Indies, Imperial Dept. of Agriculture, Barbados, W. I 4
Waring, Dr. James H. U., Wash- ington, D. C 1	West Indies, Local Dept. of Agri-
Warren Academy of Sciences, War-	culture, Barbados, W. I 4
washburn College, Topeka, Kan 1	West Virginia, Auditor, Charleston, W. Va 2
Washington Academy of Sciences,	West Virginia, Commissioner of
Washington, D. C 1	Banking, Charleston, W. Va 2
Washington Agricultural Experiment Station, Pullman, Wash. 27	West Virginia, Dept. of Free Schools, Charleston, W. Va 2
Washington and Jefferson College,	West Virginia, Dept. of Mines,
Washington, Penn I	West Virginia, Dept. of Mines, Charleston, W. Va
Washington and Lee University, Lexington, Va	West Virginia, Dept. of Public Roads, Charleston, W. Va
Washington, Board of Education,	West Virginia Education Asso-
Washington, D. C 1	ciation, Williamson, W. Va 2
Washington, Board of Trade, Wash- ington, D. C	West Virginia, Insurance Dept., Charleston, W. Va
Washington, Bureau of Statistics,	West Virginia State Board of Con-
Olympia, Wash 1	trol, Charleston, W. Va 2
Washington, Chamber of Com- merce of the United States,	West Virginia University, Morgan-
Washington, D. C 6	town, W. Va 4 Western Australia, Dept. of Mines,
Washington, Geological Survey,	Statistical Branch, Perth, W.A. I
Seattle, Wash	Western Australia, Geological Survey, Perth, W. A 2
ington, D. C I	Western Australia, Government
Washington Medical Library As-	Labour Bureau, Perth, W. A. 2
sociation, Seattle, Wash I Washington State College, Pullman,	Western Australia, Registrar General, Perth, W. A 28
Wash 2	Western Australia, Treasurer of
Washington State Library, Olympia,	State, Perth, W. A 1
Washington, State Traveling Li-	Western Federation of Mines, Denver, Colo
brary, Olympia, Wash 2	Western Railway Club, Chicago, Ill. 3

Volumes or Pamphlets.	Volumes or Pamphlets.
Western Reserve University, Cleve-	Wisconsin Clay Manufacturers' As-
land, O 9	sociation, Madison, Wis 1
Western Reserve University, Library	Wisconsin Dairymen's Association,
School, Cleveland, O	Fort Atkinson, Wis 1
Western Society of Engineers,	Wisconsin Free Library Commis-
Westinghouse Flectric and Manu-	sion, Madison, Wis
facturing Co., East Pittsburg,	History Survey, Madison, Wis. 4
Pa 6	Wisconsin Library School, Madison,
Pa 6 Westminster College, Fulton, Mo. 15	W15
Westminster Public Libraries, Lon-	Wisconsin Medical Journal, Mil-
don, Eng I Whitin Machine Works, Whitins-	waukee, Wis
whith Machine Works, whiths-	Wisconsin Natural History Society,
ville, Mass 4 Whitridge, F. W., New York,	Milwaukee, Wis I Wisconsin Railroad Commission,
N. Ÿ	Madison, Wis202
Wieland, Dr. Frank, Chicago, Ill I	Wisconsin, State Board of Agricul-
Wiggin, Mrs. Kate Douglas, Holles	ture, Madison, Wis 3
Centre, Me I	Wisconsin, State Board of Forestry,
Wilde, Payson Sibley, Chicago, Ill. I	Wisconsin State Fire Marshal
Wilkes-Barre, Chamber of Commerce, Wilkes-Barre, Pa	Madison, Wis I Wisconsin, State Fire Marshal, Madison, Wis 5
Wilkes-Barre, Board of Trade,	Wisconsin State Historical Society,
Wilkes-Barre, Pa 1	Madison, Wis 4
Williams College, Williamstown,	Wisconsin State Horticultural So-
Mass	ciety, Madison, Wis 2 Wisconsin State Normal School,
Williams, Essie W., St. Paul, Minn. 4 Williamsport, Board of Trade,	Milwaukee, Wis
Williamsport, Pa 2	Wisconsin, Supt. of Public Property,
Williston Seminary, Easthampton,	Madison, Wis 8
Mass	Wisconsin Tax Commission, Madi-
mington, Board of Health, Wil-	wistar Institute of Anatomy and
mington, Del I Wilmington Institute, Wilmington,	Physiology, Philadelphia, Pa. 17
Del 2	Wolcott, A. B., Iowa City, Ia 1
Wilshire, Gaylord, London, Eng 3	Woman's Medical College of Penn-
Wilshire Publishing Co., New York,	sylvania, Philadelphia, Pa 1
N, Y	Woman's Protest, New York, N. Y. I Women's Canadian Historical So-
Winch, Allen, <i>Chicago</i> , <i>Ill</i> I Windsor, Public Library, <i>Windsor</i> ,	
Ont 1	ciety, Ottawa, Ont, 2 Women's Foreign Missionary So-
Ont Wing, L. J., Manufacturing Com-	cieties of the Presbyterian
pany, Chicago, Ill 4	Church, New York, N. Y 1
Winnebago County, Supt of Schools,	Women's Trade Union League,
Winnetka Public Library Win-	London, Eng 2 Wood, Dr, Casey A., Chicago, Ill 4
Rockford, Ill	Woodbridge, S. H., Boston, Mass. 1
Winnipeg Public Library, Winnipeg, Manitoba  Winona Assembly, Winona Lake,	Woodbury, John, Lynn, Mass I
peg, Manitoba	Woodworth, Lawrence C., Chicago,
Winona Assembly, Winona Lake,	Westing Buth Chinas W
Winsten, Edward, Chicago, Ill190	Woolman, Ruth, Chicago, Ill 2 Worcester Academy, Worcester,
Wisconsin Agricultural Experiment	Mass 1
Station, Madison, Wis 18	Worcester, Board of Park Commis-
Wisconsin Archæological Society,	sioners, Worcester, Mass 1
Milwaukee, Wis  Wisconsin, Bureau of Labor and	Worcester County, Laro Library,
Industrial Statistics, Madison,	Worcester, Mass I Worcester Free Public Library,
Wis.	Worcester, Mass
Wisconsin Butter Makers Associa-	Worcester Natural History Society,
tion, Madison, Wis 1	Worcester, Mass

Volumes or Pamphlets.	Volumes or Pamphlets.
Worcester Polytechnic Institute, Worcester, Mass	Yale University, New Haven, Conn. 6 Yale University, Astronomical Ob-
Worker, Sydney, N. S. W 1	servatory, New Haven, Conn 4
Workington, Public Library Committee, Workington, Eng 2	Yale University, Library, New Haven, Conn
Workmen's Compensation Service	Yawman & Erbe Mfg. Co., Chicago,
and Information Bureau, New York, N. Y	York, Public Library Committee,
World Peace Foundation, Boston,	York, Eng I
Wylie Permanent Camping Co.,	Young Churchman Co., Milwaukee, Wis
Livington, Mont	Young Men's Christian Association, New York, N. Y
Station, Laramie, Wyo 3	Young Men's Christian Association,
Wyoming, State Auditor, Cheyenne,	Institute and Training School, Chicago, Ill 4
Wyo 4 Wyoming, State Commissioner of	Young Women's Christian Asso-
Taxation, Cheyenne, Wyo 3 Wyoming, State Geologist, Chey-	ciation, Chicago, Ill
enne, Wyo I	$N. Y. \dots \dots $
Yager, Willard E., Oneonta, N. Y I	Zoologische Gesellschaft, Hamburg,
Yale Law Journal, New Haven, Conn	Germany 2 Zurich, Stadtbibliothek, Zurich,
Yale Peruvian Expedition, New	Switzerland
Haven, Conn	Zymotechnic Institute, Chicago, Ill. 4

#### REGULATIONS

The Library is a free public reference library, open to readers every day, excepting Sundays, from 9 A. M. to 10 P. M.

Satchels, suit cases, bags, etc., must be checked in the Cloak Room. Outer garments, umbrellas, and packages may be, and in wet weather must be, so checked. No charge is made for the service. The Library will not hold itself responsible for unchecked articles nor for any articles left over night.

Books shelved in the Reading Room and in the Senn Room, except as noted below, may be consulted without formality, but after use are to be left on the tables, instead of being replaced on the shelves.

Current periodicals, except those on the Medical Sciences, may be consulted within the periodical alcove, and may be obtained for use at the tables in the Reading Rooms by presenting at the periodical desk serial call-slips properly filled out. Current medical periodicals are shelved in the Senn Room and may be consulted there.

Books not shelved in the Reading Rooms may be obtained by presenting to the Delivery Clerk book call-slips properly filled out. These books are to be returned to the delivery desk.

Persons engaged in special research, if satisfactorily vouched for, may be admitted to the Stack Rooms. Application for this privilege should be made to the Reference Librarians. All books used under this provision are to be left on the tables in the Stack Rooms.

Books not suitable for general use may be consulted only upon registration and statement of satisfactory reasons, and those of great value or rarity only in the presence of an attendant.

Writing or marking in books belonging to the Library, their mutilation in any manner, and their removal from the Library, are forbidden. The tracing of plans will be permitted if done over a celluloid cover, but not otherwise. The covers will be furnished upon application at the delivery desk.

The officials of the Library are authorized to exclude any person of unseemly behavior or appearance, and any one wilfully violating its regulations.

The Reference Librarians, in charge of the Reading Rooms, will give assistance in the use of the library.

#### PUBLICATIONS IN PRINT

No bills are rendered. Orders should be accompanied by postal money order or stamps.

Annual reports. First to eighteenth for the years 1895-1912. Chicago 1897-1913. Sent gratis on request.

The First report contains Record of Organization; the Second, Memorial of Edson Keith; the Fourth, By-laws of the Corporation; the Fifth, Memorial and portrait of Norman Williams; the Sixth, Memorial and portrait of Huntington W. Jackson; the Seventh, Act and Ordinance authorizing the Library to erect and maintain a free public library on the Lake Front Park; the Ninth, "Act concerning free public libraries in public parks"; the Eleventh, Memorial and portrait of Marshall Field, and "Ordinance concerning The John Crerar Library"; the Thirteenth, Memorials and portraits of Albert Keep and Dr. Nicholas Senn; the Fourteenth, By-laws of the Corporation; the Fifteenth, Report of the Special Committee on Site.

Printed catalogue cards for the titles of all books in the Library. Prices on application.

A list of current periodicals in the Reading Room, June, 1902. Chicago 1902. 97 p. Price 10 cents; by mail 15 cents.

A list of books on industrial arts, October, 1903. Chicago 1904. 249 p. Price 20 cents; by mail 30 cents.

A bibliography of union lists of serials. Chicago 1906. 28 p. Price 5 cents; by mail 10 cents.

A list of books exhibited December 30, 1907—January 4, 1908, including incunabula and other early printed books in the Senn Collection. Chicago 1907. 32 p. Price 5 cents; by mail 10 cents.

A list of books in the Reading Room, 1909. Chicago 1909. viii, 488 p. Price 25 cents; by mail 50 cents.

A list of current medical periodicals and allied serials, December, 1909. Chicago 1910. 25 p. Price 5 cents; by mail 10 cents.

Handbook, 1910. Chicago 1910. 16 p. Sent gratis on request.

A list of books on the history of science. Chicago 1911. 10, 297 p. Price 25 cents; by mail 40 cents.

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## THE

# JOHN CRERAR LIBRARY

NINETEENTH ANNUAL REPORT

FOR THE YEAR

1913



CHICAGO
PRINTED BY ORDER OF THE BOARD OF DIRECTORS
1914





Heury W. Bishop

UNIVERSITY OF ILLINOIS

#### THE

## JOHN CRERAR LIBRARY

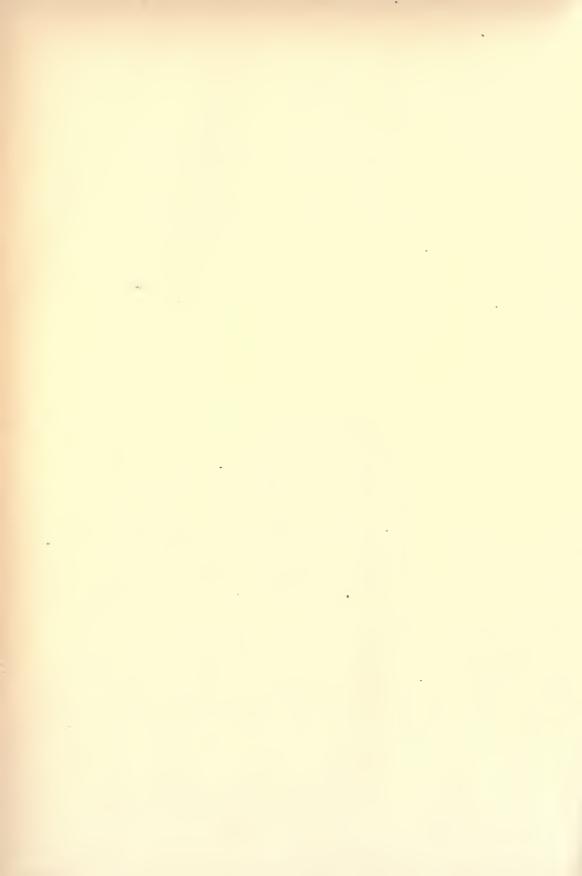
#### NINETEENTH ANNUAL REPORT

FOR THE YEAR

1913



CHICAGO
PRINTED BY ORDER OF THE BOARD OF DIRECTORS
1914



#### OFFICERS, 1914

President
MARVIN HUGHITT

First Vice-President THOMAS D. JONES

Second Vice-President
ROBERT FORSYTH

Secretary
LEONARD A. BUSBY

Treasurer
William J. Louderback

Librarian
CLEMENT W. ANDREWS

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CHAUNCEY KEEP
FREDERICK H. RAWSON

ALBERT H. SPRAGUE II

CARTER H. HARRISON, Mayor of Chicago, ex-officio JOHN E. TRAEGER, Comptroller of Chicago, ex-officio

#### STANDING COMMITTEES

Finance

JOHN J. MITCHELL

CHAUNCEY KEEP

MARVIN HUGHITT

Administration

E. W. BLATCHFORD

LEONARD A. BUSBY

FREDERICK H. RAWSON

Buildings and Grounds

JOHN M. CLARK

ROBERT FORSYTH

THOMAS D. JONES

CHAUNCEY KEEP, associate member

Books

Frank S. Johnson

THOMAS D. JONES

ROBERT FORSYTH

## DIRECTORS, 1894—1913

NORMAN WILLIAMS		-		-		-		-		-	1894-1899*
HUNTINGTON W. JAC	KS	ON			-		-		-		1894-1901*
MARSHALL FIELD		-		-		-		-		-	1894-1906*
E. W. BLATCHFORD	-		-		-		-		-		1894—
T. B. BLACKSTONE		-		-		~		-		-	1894-1899†
ROBERT T. LINCOLN	-		-		-		-		-		1894—
HENRY W. BISHOP		-		-		-		-		-	1894-1913*
EDWARD G. MASON	-		-		-		-		-		1894—1895†
ALBERT KEEP -		-		-		-		-		-	1894-1907*
EDSON KEITH -	-		-		-		-		-		1894-1896*
SIMON J. McPherson		-		-		-		-		-	1894-1899†
JOHN M. CLARK -	-		-		-		-		-		1894—
George A. Armour		-				-		-		-	1894—1899†
FRANK S. JOHNSON	-		-		-		-		-		1896—
PETER STENGER GROS	SSC	CUE		-		-		-		-	1897—
ARTHUR J. CATON			-		-		-		-		1900-1904*
MARVIN HUGHITT -		-		-		-		-		-	1900-
THOMAS D. JONES	-		-		-		-		-		1900—
JOHN J. MITCHELL -		-		-		-		-		-	1900
Leonard A. Busby	-		-		-		-		-		1901—
ROBERT FORSYTH -		-		-				-		-	1905—
CHAUNCEY KEEP	-		-		-		-		-		1906—
FREDERICK H. RAWSO	N			-		-		-		-	1908—
ALBERT A. SPRAGUE	II		-		-		-		-		1914—
*Deceased											†Resigned

## OFFICERS, 1895–1914

#### Presidents

NORMAN WILLIAMS -	-		-		-		-	1895—1899
HUNTINGTON W. JACKSON	1	-		-		-		1900-1901
Peter Stenger Grosscu	P -		-		-		-	1901-1913
MARVIN HUGHITT -								1914—
First V	ice-I	res	id	en.	ts			
Edward G. Mason -	-	-		-		-		1895
HUNTINGTON W. JACKSON	1 -		-		-		-	1896—1900
PETER STENGER GROSSCU	P	-		-		-		1900-1901
HENRY W. BISHOP -	-		-		-		-	1901-1910
THOMAS D. JONES -	-	-		-		-		1911—
Second 1	Vice-	Pro	esi	der	115			
MARSHALL FIELD	-		-		-		-	1895-1899
PETER STENGER GROSSCU	P	-		-		-		1899—1900
HENRY W. BISHOP -							-	1900-1901
THOMAS D. JONES -	-	-		-		-		1901-1911
ROBERT FORSYTH					-		-	1911—
Se	cret	arie	es					
GEORGE A. ARMOUR	-	-		-		-		1895-1900
ARTHUR J. CATON -	-		-		-		-	1900-1904
LEONARD A. BUSBY -	-	-		-		-		1905—
Tr	easi	irei	۲					
WILLIAM J. LOUDERBACK			_		_			1895—
WILLIAM J. LOUDERBACK	_		-		-		-	1095—
Li	brar	ian	ı					
CLEMENT W. ANDREWS	-	-		-		-		1895—

## LIBRARY STAFF, 1914

Librarian		CLEMENT W. ANDREWS
Assistant Librarian -		CHARLES J. BARR
Reference Librarian		Edward D. Tweedell
Cataloguer		AKSEL G. S. JOSEPHSON
Classifier		I. CHRISTIAN BAY
Medical Reference Libra	arian	I. CHRISTIAN BAY*
Assistant Reference Lib	rarian	D. Ashley Hooker
Assistant Cataloguer -		MARY E. HAWLEY
Assistant Cataloguer		GERTRUDE FORSTALL
Assistant Classifier -		
Treasurer's Assistant		Bruno Wilke
170030707 3 11331310111		DRONG WIERE
7 0 7	Senior Assistants	
EDITHA C. PHELPS		GENEVIEVE DARLINGTON
SARAH S. DICKINSON		MARGARET FURNESS
CHARLOTTE H. FOYE		ALPHA L. OWENS
ELIZABETH MONTROSS		Elsa Neiglick
JENNIE A. HULCE		Mabel Hayward
WILLIAM TEAL		Mabel Eaman
WILLIAM A. BRENNAN		ETHEL M. WIGHT
	HARRIET E. PENFIEL	D*
	Junior Assistants	
CORNELIA C. WHITE	5 411101 113313141113	A. Frederic Gronberg
MARY B. HIBBARD		Margery C. Cooper
ALBERTA M. WHIDDEN	T	Mary L. Reider
Helen D. Brown		Eva W. Graves
HENRY BAHNSEN		Edson A. Freeman
HENRY DAHNSEN	ELIZABETH E. WILSO	
	ELIZABETH E. WILSO	JN .
	Attendants	
John A. Krauth		Noah Fox
Elsebeth Martens		WILLIAM JAFFE
Lucy A. Curtis	·	Max Deitenbeck
MILTON A. BROWN		A. N. Jacobson
D. J. Porto		Carlyle Peek
•	Pages	
Alphonse Comyn	1 4803	Meyer Richman
HENRY EVERAERT		Charles Schmiege
	George Fleck	
	Janitor	
	WILLIAM J. JONES	
	Assistant Janitors	
August Carlson		NICHOLAS MEYER
* Provisional		

#### REPORT OF THE PRESIDENT

To the Governor of Illinois:

In accordance with the provisions of an act entitled "An Act to encourage and promote the establishment of free public libraries in cities, villages, and towns of this state," approved June 17, 1891, under which this corporation is organized, the Directors of The John Crerar Library submit their nineteenth annual report for the year 1913.

By the death of Henry W. Bishop, on September 28th, the Board has lost another of the members named by Mr. Crerar. It is now composed of the following persons: E. W. Blatchford, Robert T. Lincoln, John M. Clark, Frank S. Johnson, Peter Stenger Grosscup, Marvin Hughitt, Thomas D. Jones, John J. Mitchell, Leonard A. Busby, Robert Forsyth, Chauncey Keep, and Frederick H. Rawson, together with Carter H. Harrison, Mayor of Chicago, and John E. Traeger, Comptroller, ex-officio members.

The officers of the Library are as follows: President, Peter Stenger Grosscup; First Vice-President, Thomas D. Jones; Second Vice-President, Robert Forsyth; Secretary, Leonard A. Busby; Treasurer, William J. Louderback; Librarian, Clement W. Andrews.

At the meeting of the Board on November 20th Messrs. Holabird and Roche of Chicago were appointed architects of the Library, to consider the various suggestions which have been made for the utilization of the site recently acquired and to draw plans to be submitted to the Board.

The additional space secured in the Marshall Field and Company Building has been equipped and occupied.

In order to avoid unnecessary duplication with the Art Institute of Chicago, the Board at its last annual meeting modified its action of 1895 in establishing a department of architecture, and decided not to purchase such works on the subject as are of interest chiefly to architects.

On November 14th a fire in the Supply Room of the Library caused a monetary loss of about \$6,000, which was fully covered

by insurance. This and other unfortunate circumstances seriously deranged the routine work and have made the growth of the Library smaller than usual, but the use has continued to increase. It now contains 322,049 volumes, 3,801 maps and plates, and some 105,000 pamphlets. It receives currently 3,466 periodicals and 11,656 other serial publications. The total use was about 522,000 books and periodicals, and the recorded attendance was 157,893. For further details reference is made to the appended report of the Librarian.

The report of the Treasurer, also appended, presents the statement of the income and expenditure for the year 1913, together with a statement of the assets and investments, as required by law.

Respectfully submitted,

PETER STENGER GROSSCUP,

President.

Chicago, January 5, 1914.

### REPORT OF THE TREASURER

#### STATEMENT OF FINANCES FOR YEAR 1913

#### CASH

Cash on hand January 1, 1913:  In bank \$ 154.73  Librarian, petty cash 129.02	\$	283.75
RECEIPTS		
Collections account income \$ 215,463.29		
Huntington W. Jackson Fund, income - 40.00		
Henry Gradle Memorial Fund, income - 50.00		
Bills Collectable 9,052.02		
Investments:		
Bonds 75,000.00		
Stocks 26,023.37		
Farm Mortgage Loans 29,900.00		355,528.68
	\$	355,812.43
DISBURSEMENTS		
Audited Vouchers \$ 184,690.64		
Notes Payable 135,000.00		
Interest 9,965.80		
Investments:		
	\$	332,710.05
Cash on hand December 31, 1913:		
In bank \$ 22,892.62		0
Librarian, petty cash 209.76	<b>#</b>	23,102.38

#### OPERATION

	INC	OME		
General: Bonds Stocks Rentals Farm Mortgage Loans Mortgage Loans Sundries Huntington W, Jackson Fu Book Purchase Reserve Less Interest on Notes		08,133.40 42,638.80 49,177.08 14,168.34 16,625.00 270.88	\$ 231,013,50 40.00 2,130.50	\$ 233,184.00 9,965.80 223,218.20
	Tarne	anop.		
Administration:	EXPI	ENSE		
Rent, Light Salaries, Wages - Supplies Printing Less Sales Transportation, Postage Sundries Ins. on Books & Fixtures Less Unearned Prem.  Books: Books Less Sales Periodicals	\$ 6,556.17 410.86 4,457.45 1,925.12	23,670.50	\$ 109,148.62	
Binding		10,854.35	¢ 46 700 77	
Lettering, Repairs -  Buildings and Grounds: Repairs Depreciation Taxes, 1913 (Estimated) Insurance on Buildings Less Unearned Prem.		2,853.13 3,035.10 10,500.00	\$ 46,733.15	
Sundry Expenses		331.06	\$ 17,730.91	\$ 173,612.68
Surplus for year 1913		-		\$ 49,605.52

#### ASSETS AND LIABILITIES

#### ASSETS

Bonds	-	-	-	\$2,409,390.48	
Stocks	-		-	- 582,373.05	
Real Estate	-	-	-	1,080,000.00	
Mortgage Loans	-	-		- 475,000.00	
Farm Mortgage Loans	-	-	-	259,755.00	
Furniture and Fixtures		-	-	- 27,315.94	
Book Investment	-	-	-	494,314.71	
Accounts Receivable		-	-	- 14,855.00	
Bills Collectable	-	-	~	2,560.31	
Unexpired Insurance		-	-	- 9,630.80	
Medical Library Purchase Suspense	-	-	-	14,000.00	
Cash		-	-	- 23,102.38	
Total	-	-	-	4	5,392,297.67

#### LIABILITIES

Endowment Fund \$3,500,000.00
Building Fund 1,092,213.89
Book Fund 494,314.71
Security Reserve Fund 168,819.91
Huntington W. Jackson Fund 1,000.00
Henry Gradle Memorial Fund 3,000.00
Henry Gradle Memorial Fund, income - 92.86
Book Purchase Reserve 2,356.30
Reserve for Taxes (1913) 10,500.00
Notes Payable 120,000.00
Total

\$5,392,297.67

In accordance with the instructions of the Board of Directors, the Building Fund has been increased by the amount of the surplus for the year, \$49,605.52, less the eighth annual charge of \$7,000.00 against the Medical Library Purchase Suspense Account, making a total to the credit of the Building Fund of \$1,092,213.89.

The Book Fund has been increased by the amount of the investment during the year, less depreciation, and now stands at \$494,314.71.

The income of the Huntington W. Jackson Fund has been expended for books.

In accordance with the vote of the Board the Henry Gradle Fund has been increased by \$1,000.00, the amount realized from the sale of the duplicates, making a total of \$3,000.00 in this fund. It has been invested, and the income will be spent for medical periodicals.

Insurance is in force covering the property of the Library in amounts as follows:

Books		-		-	\$404,000.00
Portraits, Furniture, Fixtures, Et	tc.		-		30,000.00
Type and Cases		-		-	5,000.00
Buildings	-		-		195,000.00
Boilers		-		-	20,000.00
Plate Glass (by premium only)	-		-		• • • • • • • •
					\$654,000.00

WM. J. LOUDERBACK,

Treasurer.

CHICAGO, January 15, 1914.

To the Board of Directors of The John Crerar Library.

Dear Sirs:—We have audited the books and accounts of The John Crerar Library for the year ending December 31, 1913; have examined and priced all securities (other than farm mortgages) which we found to have an aggregate market value largely exceeding the book value; and have verified the cash on hand and in banks.

We accordingly certify that, in our opinion, the attached statements truly exhibit the cash receipts and disbursements and the operating income for the said year, and the assets and liabilities at its close.

THE AUDIT COMPANY OF NEW YORK,

Howard Kroehl, Western Manager.

CHICAGO, MARCH 5, 1914.

### REPORT OF THE LIBRARIAN

To the Board of Directors of The John Crerar Library: Gentlemen:—Disturbing alterations in the rooms, a serious fire, and the illness or resignation of several members of the staff have combined to make the amount of routine work accomplished decidedly less than in previous years and have hindered the development of the resources of the Library. On the other hand the efforts to prevent this combination from affecting the direct service to the public would appear to have been successful, for the records show a moderate increase in the attendance and a more noticeable increase in the use.

Scope. The character of future additions to the collection on architecture will be altered greatly by the decision of the Board to omit those works which are of interest chiefly to architects. There need not be any diminution in the number, however, for there will be more than enough material of interest to other classes of readers to utilize profitably the available appropriations. The Library should be made especially strong in works for the structural engineer and it might well be better equipped to meet the demands for more popular reading. Although there has been no formal agreement between the three libraries it is understood that the Newberry Library will emphasize the general and historical aspects of the subject rather than the professional.

Rooms. Owing to unforeseen conditions the additional space on the fifth and sixth floors, received in return for the Board's consent to the closing of the alley on the west, was not placed at the disposal of the Library until May 1st instead of on December 1st, 1912, as promised. The necessary alterations and equipment had been ordered and were completed during the summer. These changes should make it possible to take care of the collections until the summer of 1916, though not without considerable discomfort. The capacity of the stacks will be taxed to the limit and neither the lighting nor the ventilation of the working space is as satisfactory as before.

On the morning of November 14th the Library suffered a serious loss from a fire in the Supply Room, in which the books going to and coming from the binderies are prepared and checked. Without doubt it started at the switch for the electric lights and most probably was due to strains produced by the settling of the building. This caused also cracks in the partitions which allowed the smoke and heat to penetrate the adjoining Directors' Room, but the fire itself hardly touched anything outside the room. Within it the destruction was practically complete. Only one bottle of ink and a silk apron were entirely undamaged, while of the desks, table, cabinets, book trucks and chairs nothing but the metallic parts was found, and of the chandelier nothing. On the other hand, the wood floor was burned in only one place and most of it was not even scorched, showing that the cork carpet had acted as an almost perfect insulator.

The total loss has been estimated at \$6,064.20, divided as follows: 317 volumes and pamphlets, \$1,366.20; bindings, \$73.00; supplies, \$2,000; furniture and fixtures, \$750.00; damage to paintings, decorations, walls, etc., \$1,250; replacing records, \$125.00; labor and other incidental expenses, \$500.

Of the volumes and pamphlets destroyed over one half were parts of sets obtained by purchase at a very considerable cost, one volume alone having cost \$160; many of the remainder were similar material received as gifts; quite a number were from the Gerritsen purchase. Some of them cannot be replaced, but it is hoped that the proportion of these will not be large.

Department of Medical Sciences. The appointment of Dr. Audrey Goss as Medical Reference Librarian was followed altogether too soon by her resignation. No applicant has combined medical and library training, and as an experiment Mr. J. Christian Bay, 'Classifier of the Library, has been appointed temporarily to the position. Mr. Bay's scientific training has been thorough and his bibliographical knowledge is extensive, but it may prove that a medical education is absolutely necessary.

Again considerable progress has been made in recataloguing the material still under the Newberry classification. All sets of periodicals except the very incomplete ones have been treated and the shelves occupied by this material have been reduced from 273 to 216. Some of the Senn Collection and more of the

Gradle gift and the Martin purchase have been catalogued, and the uncatalogued portion of all these reduced to 230 shelves.

Special Collections. From the proceeds of its special fund seven titles have been added to the Huntington W. Jackson Collection on Constitutional Law, which now contains 726 titles, of which 80 have been purchased from the fund.

The Senn Collection on the Medical Sciences is still in process of adjustment.

The duplicates in the Gradle Collection on the Eye and Ear have all been sold for \$1,000. This sum has been added to the fund, which now amounts to \$3,000. The investment was made so late in the year that no purchases have been made as yet. In 1914 and future years the income, \$150, will be spent for periodicals on the subjects of the collection.

The greater part of the books in the Chanute Collection on Aviation have been reclassified and catalogued and about one third of the 2,000 pamphlets and 2,000 clippings have been treated.

At the suggestion of one of the staff and with the approval of the Committee on Books a small collection of 40 of the best books for boys and young men was formed for the use of the pages and attendants. The results have been reasonably satisfactory, but if it is to be as successful as desired each new page will have to be shown its advantages by personal efforts.

Routine. The cameragraph mentioned in the last report has been replaced by the makers, without expense to the Library, by one of their new "duplex" machines, which prints on both sides of the sensitized paper at once. It is also more substantial and durable. Statistics of its use are given later.

The question of an economical reprinting of titles, for additional cards and in the bulletins, is still undecided. The price of electrotypes was increased in the spring so materially that their preparation, except for such titles as would probably be used in the bulletins now in preparation or contemplated, was again given up. It is thought possible that stereotype moulds may prove a solution and experiments with them will be made as soon as possible.

Not a little time and trouble in handling small consignments of books received from abroad in the mails will be saved through the courtesy of the Collector of Customs of the Port of Chicago in passing such consignments without the filing of affidavits, as authorized by a recent circular of the Treasury Department.

Attendance. The total number of visitors recorded during the year was 157,893 and the daily average was 505, an increase of 2.5 per cent over the figures of 1912, which were 154,834 and 493 respectively.

The evening attendance, 91, was the same as in 1912. The average attendance on the five general holidays, 156, was 17 less than in 1912. The smallest attendance of the year was 83, on July 4th, and the largest was 998 on February 22nd. The figures for 1912 were 115 and 926, respectively.

Use. The recorded use of periodicals again shows a slight decrease, falling from 17,784 in 1912 to 17,693 in 1913. As stated in previous reports, it is probable that this does not mean any decrease in actual use. On the other hand, the recorded use of calls for books from the stacks, which, as also has been said before, measures the more serious use of the Library by all not admitted to the stacks, again shows a notable increase, from 142,262 to 156,314. Part of this, however, may be due to a less liberal admission to the stacks, for the number of admissions has fallen from 4,018 to 3,466. The latter figure is far above any except that for 1912. Using the same factor as in previous years the total use of the Library may be estimated at 522,000 books and periodicals.

A detailed classification of the call slips for books and periodicals and of admissions to the stack is given in the second table of library statistics. The following table gives a comparison of the totals and percentages for each department with the corresponding figures for 1912:

	RECOR	DED USE		ADM	ISSIONS	TO THE	STACK
	1913	1	912		913		912
77-4-1	Percent-	T-4-1	Percent		Percent		Percent-
Total	age	Total	age	Total	age	Total	age
Unclassified 1,183		884					
General Works29,974		26,792	17	109	3	109	3
Social Sciences 37,873	22	34,593	22	290	9	430	ΙĪ
Physical Sciences 16,328	10	15,204	9	378	11	587	14
Natural Sciences 10,351	6	8,981	6	253	7	317	8
Medical Sciences 17,460	IO	16,359	IO	767	22	944	23
Applied Sciences 60,838	35	57,233	36	1,669	48	1,631	41

These figures illustrate very well the steadiness of the reading as a whole and the variability of that done in the stacks. Only eleven subjects showed decreases, none of any importance, while six—

history and geography, public documents, astronomy, geology, general natural history, and design — showed increases of one third to one half. The six leading subjects are: medicine, engineering, trade and transportation, political economy, physics, and agriculture. Trade and transportation and political economy have changed places during the year and agriculture has taken the place of chemical technology.

The admissions to the stack were 3,466, a decrease of 542. Of the admissions recorded 2,021 were by registration and 1,445 on presentation of 36 passes. Five additional passes have been granted, and one has been canceled, leaving 100 nominally in force.

The loans for use outside the Library again have increased. There were granted 212 requests from 53 libraries and 449 requests from 174 individuals. Three requests from libraries were refused. In 1912 the loans were 530 and the refusals four. In eight cases the books loaned were asked for while out. Nearly all the loans to individuals are for very short periods, chiefly over night or over Sunday. The loans asked by the Library for its readers were 61 from 3 libraries. All but one were granted.

The calls for assistance by telephone were 721, and the requests for information by letter were 144. The figures for 1912 were 529 and 143, respectively.

The number of orders for cameragrams was 86, requiring 1,226 sheets, for which charges amounting to \$135.75 were made. For 1912 the figures were 71 orders, 802 sheets, \$92.45 charges.

The time required to fill calls has been determined in the same way as for the previous year. The average time was 3.84 minutes, as against 3.66.

The record of the causes of failures to supply books called for, which should have been supplied, is as follows: at bindery, 663; otherwise unavailable temporarily, mostly burned or stolen and not yet replaced, 49; in use by another reader, 1,073; withdrawn from general circulation, 39; not found on shelves, 548; errors of library assistants or records, 140; total, 2,512. The total is 1.58 per cent of the total call slips presented. Excluding the first four causes as unavoidable, the avoidable failures were 0.43 per cent. For 1912 they were 0.28. It is thought that the increase may be due chiefly to the shifting of the books on the shelves and so may prove to be temporary.

**Publications**. In May the Library issued its *Eighteenth Annual Report*, a pamphlet of 73 pages. An edition of 5,500 copies was printed and distributed.

In April the second edition of the *List of Current Medical Periodicals and Allied Serials*, the ninth of the Library's bibliographical contributions, was issued as a pamphlet of 32 pages. It contains 673 titles arranged alphabetically, with call-numbers and a statement of the volumes and years with which the sets in the Library begin. Serious deficiencies have been noted.

In October a revised edition of the *Handbook* was issued as a pamphlet of 16 pages.

Again it has not seemed advisable to press to completion any of the other publications authorized by the Board. Should it be desired the List of Histories of Arts and Industries and the Supplement to the List of Histories of Science could be made ready for the printer within a few months.

The Cataloguer has suggested that the publication of a list of books printed before 1800 would make the resources of the Library in this field more available to scholars. The Senn Collection and the Gerritsen purchase contain so many such works that the suggestion appears to be well justified.

The numbers of the various publications remaining in stock are given in the following table, which shows their distribution during the year:

		0 1 1			
Date	Edition	Dec. 31	or Gift	Sale	On hand Jan. 1
1902	1,000	141	14	5	122
1902	966	25	9		16
1904	980	43	12	5	26
1906	317	148	12	Ī	135
1907	2,000	952	25	2	925
1909	956	238	13	2	223
1910	1,000	71	7	2	62
1910	1,280	45		2	43
1911	1,000	319	26	6	287
1913	1,038		688	24	326
1913	1,038		700		338
	1902 1904 1906 1907 1909 1910 1910 1911	1902 1,000 1902 966 1904 980 1906 317 1907 2,000 1909 956 1910 1,000 1910 1,280 1911 1,000 1913 1,038	1902         1,000         141           1902         966         25           1904         980         43           1906         317         148           1907         2,000         952           1909         956         238           1910         1,280         45           1911         1,000         319           1913         1,038	Date         Edition         On hand Dec. 31         Exchange or Gift           1902         1,000         141         14           1902         966         25         9           1904         980         43         12           1906         317         148         12           1907         2,000         952         25           1909         956         238         13           1910         1,000         71         7           1911         1,000         319         26           1913         1,038          688	Date         Edition         Dec. 31         or Gift         Sale           1902         1,000         141         14         5           1902         966         25         9            1904         980         43         12         5           1906         317         148         12         1           1907         2,000         952         25         2           1909         956         238         13         2           1910         1,000         71         7         2           1911         1,000         319         26         6           1913         1,038          688         24

Printed Cards. The distribution of one copy of each catalogue card to the Armour Institute of Technology, Chicago Public Library, Field Museum of Natural History, Library of Congress, Northwestern University, University of Chicago, and

the University of Illinois has been continued; also the sending of one copy of each card printed by the Library to Columbia University, Harvard University, New York State Library, Princeton University, Royal Library at The Hague, St. Louis Public Library, University of California, University of Michigan, and Yale University. Eight important partial orders were received. The distribution amounted to 211,560 cards, of which 76,160 were sent to the depository libraries, 2,257 sent as gifts, and 133,143 sold or sent in exchange.

From the Library of Congress there have been received 42,621 cards, making a total of 568,391; from Harvard University 6,720; from the Royal Library of Berlin 23,284; from the Royal Library at The Hague 4,434; from the University of Illinois 5,503; and from the University of Chicago 1,000; making a total of 641,102 received for the Union Catalogue.

Very few of the cards from libraries other than the Library of Congress have been filed as yet, because of the lack of space. It is proposed to keep the title entries of the European cards in a separate alphabet and not to file in the main catalogue titles which duplicate Library of Congress entries.

The attempt to secure cards for use in the catalogues from the Royal Library at Berlin proved unsuccessful except for theses and series entries. The selection at Berlin was made with care and with regard for our needs, but it was found that some cards could not be used because of differences in the headings and that many were for books which had been received in Chicago on inspection long before the cards came. It did not seem advisable to hold back from use by the public all the new German books received on inspection, including some of the most important publications of the year, for the sake of the saving in the cost of cataloguing.

The use of the cards printed by Harvard and the University of Chicago, though limited in scope, is not open to this objection and will be continued.

Selection and Ordering. The selection of new titles is practically up to date and over two thirds of the older titles were revised during the year. For the first four months the ordering kept pace with the selection, but a long absence of the assistant in charge and her subsequent resignation completely destroyed this equality and in the last six weeks of the year everything gave way to the

replacement of the books destroyed in the fire. Consequently no fair trial of the new system could be made. Not even the first series of orders could be given for all subjects, and in the second series all that could be done was to complete the Physical Sciences and begin the Natural Sciences.

During the year 6,957 orders were given. Of these 431 failed or were canceled, leaving 6,526 valid orders, covering, with the standing orders for continuations, 16,557 volumes at an estimated cost of \$21,045; 6,564 orders were filled, covering 11,396 volumes at a cost of \$23,630. There are left outstanding, in addition to the orders for continuations, 2,471 orders, at an estimated cost of \$3,532; of these 1,091 were given before January 1, 1913. The distribution of the orders of the year, of the total to the end of 1913, and the estimated cost, to the nearest dollar, are given in the second table of library statistics. The unclassified orders were to replace volumes burned or were purchases by Dr. Lichtenstein in South America.

Accessions. The total accessions of volumes for 1913 have been 15,209, of which 3,422 have been received as gifts and 11,787 obtained by purchase. Volumes made by binding serials are included in these figures. There have been withdrawn 510 volumes (including 203 burned), leaving the net accessions for the year 14,699, which, with the 307,350 reported for 1912, make a total now on the books of 322,049. There remain to be entered only the Laufer purchase, about 14,000 volumes, and about 2,600 volumes of the Gerritsen purchase. These have their own catalogues, and particular books can be obtained when asked for, so that the total number of volumes available is about 338,500.

The accessions of maps and plates for 1913 were 102, and the total entries are 3,801. In addition the Library has purchased the collection of nearly 6,000 maps made by the late Emile Levasseur. The New York State Library purchased the books. It was planned to make this material immediately available in part of the space on the seventh floor, but the crowded condition and poor ventilation of the new space on the sixth floor made the Librarian decide reluctantly to retain the work with the printed cards on the seventh.

Few pamphlets have been obtained by purchase, but the number received as gifts was 14,800. Author slips for 7,762 titles

were filed in the official catalogue, and the classified collection has been increased by 11,426 pamphlets. The last number includes the preceding, but these two have no necessary connection with the first. Many of the pamphlets received are duplicates, and many more are continuations, or for various reasons are put elsewhere than in the pamphlet collection. On the other hand, many pamphlets already in the Library have been classified and entered in the official catalogue. Of the 11,426 net accessions to the classified collection, 1,337 were from the Gerritsen purchase, 47 from the Senn Collection, and 4,844 from other accumulations, leaving some 5,198 as the new accessions of the year. The total in the Library is approximately 105,280. Their classification is shown in the second table of library statistics.

The following table shows the distribution of the net accessions for 1913 and of the totals entered, by departments, together with the percentages of the classified volumes:

DEPARTMENT	Volumes	1913 Per cent	Pamphlets	Volumes	TOTAL Per cent	Pamphlets
		2 02 00111	1 dilipiliots		2 02 00110	-
Unclassified	319			16,354		32,111
General Works	1,920	13	1,202	43,405	14	11,668
Social Sciences	4,632	32	4,608	80,484	26	23,895
Physical Sciences	1,368	10	759	26,522	9	2,930
Natural Sciences	899	6	141	30,918	10	3,006
Medical Sciences	2,956	21	3,143	62,899	21	22,028
Applied Sciences	2,605	18	1,573	61,467	20	9,642
Total	14,699		11,426	322,049		105,280

The new method of ordering will always produce temporary irregularities in the growth of the Library, so that it is a more exact test of the proportionate growth to compare the present percentages of the total number of volumes with those of five years ago. Such a comparison shows that General Works have dropped one point, Social Sciences gained three, Physical Sciences remained the same, Natural Sciences dropped one, Medical Sciences dropped one, and Applied Sciences remained the same.

The periodicals currently received are 3,466, of which 875 are received as gifts and 2,591 by subscription, at an estimated yearly cost of \$10,231.66. Their classification is shown in the second table of library statistics. While the number as stated is less than in 1912 the diminution is only in form, for 35 school bulletins have been transferred to the Continuation Record. It should not be thought, however, that the remaining periodicals are exactly the

same as in the previous year; 177 new titles have been added and 142, in addition to the bulletins, dropped. There has been an increase in the cost of the periodicals during the year, and the clerical work involved in keeping the files complete has also increased.

The assistant in charge of the Continuation Record reports 1,495 titles added to the list and 341 withdrawn, leaving 11,656 at the end of the year. About 4,882 are obtained by subscription, at a cost in 1913 of \$6,048.84. These furnished 1,631 volumes entered on the record of accessions. The other continuations were received as gifts or in exchange, and furnished 1,440 volumes. For the gifts 1,508 first and 400 second requests were sent and 25 reported to the Librarian for personal letters. For the purchases 238 first and 8 second notifications were sent and 6 reported to the Librarian.

Again the Library has been able to join in securing the services of Dr. Lichtenstein, Librarian of Northwestern University, in purchasing books, this time in South America. The circle of co-operating libraries is somewhat larger, and it is hoped that the results will be especially valuable both on account of the increased interest in South America and because of the great difficulty in obtaining works printed there through the regular channels of trade. Dr. Lichtenstein has already bought a large collection in Carácas, which has been sent to Cambridge for distribution, and a smaller one in Bogotá, which has just arrived here.

No especially noteworthy purchases of individual works have been made and no older sets of periodicals have been completed, though several medical sets have been bought.

The number of gifts was somewhat smaller than in the last two years. There were received 6,384 volumes and 14,800 pamphlets from 2,514 donors. The volumes entered in the accession record were 3,422. The figures for 1912 were 7,920 volumes, 19,069 pamphlets, 2,963 donors, and 3,576 entries.

Several collections of medical works were received from physicians of the city, notably, Drs. Coolidge, Gradle, C. N. Johnson, F. S. Johnson, and Webster, and also from the American Medical Association and the Chicago Dental Society. About 200 New York state documents were received from the New York State Library and a collection of about the same size on engineering from H. M. Byllesby & Co. of Chicago.

The Regia Università di Modena and the Koninklijke Vlaamische Academie of Ghent have very kindly placed the Library on their exchange lists. The Secretary of State of Illinois has sent the Library one copy of each bill introduced into and printed for the State Legislature. These have occasionally been of great service.

**Duplicates.** The sales of the year amounted to 127 bound volumes, 147 unbound volumes, and 25 pamphlets for \$213.28. On priced exchange 24 bound volumes, 14 unbound volumes, 60 pamphlets, and 37 numbers, valued at \$30.45, have been sent; 81 bound volumes, 78 unbound volumes, 129 pamphlets, and 12 numbers, valued at \$86.65, have been received. On piece exchange 8 bound volumes and 11 numbers have been sent; 64 bound volumes, 70 pamphlets, and 70 numbers have been received. Thirty-eight bound volumes, 59 unbound volumes, 33 pamphlets, and 47 numbers have been sent to the International Joint Commission as a gift.

Inventory. The seventh inventory has been continued. Shelf numbers o to 299 and 400 to 499 have been read, 63 serious misplacements corrected, 18 books reported not found. As 16 previously reported have been found the net loss is two out of 37,000, or 0.005 per cent. In addition five books are known to have been taken from the stacks in other classes, 11 have been taken from the main Reading Room and three found, and 18 from the Senn Room and three found, so that the net loss for the year is 30 and the total loss for seventeen years is 302, or 0.09 per cent. Only seven cases of mutilation have been discovered. The theft and mutilation of periodicals have remained at the lower figures of last year; 50 numbers have been taken and 30 mutilated as against 44 and 34 in 1912. Eighteen of these have still to be replaced.

Binding. On January 1st, 1913, there were at the binderies 703 volumes, and 9,758 were sent during the year; 40 were returned as incomplete, and 9,821 bound; leaving 620 at the binderies December 31st, 1913. About one fifth were bound by The Newberry Library. The cost of binding was \$10,854, an average of \$1.11 per volume. The cost of shelf-marking the accessions of the year, together with a considerable amount of repairing, inserting bookplates, and similar work, was \$1,546.

The fire of November 14th destroyed a small lot of volumes just

received from the binderies and a much larger number which were being prepared for binding. Fortunately a large shipment had been sent out the afternoon before. The destruction of the records, the necessity of replacing the most used supplies at once, and the lack of working space, sufficiently explain the smaller amount of binding done.

Catalogues. The Cataloguer reports that during the year 5,129 new titles have been prepared for print; 323 new titles type-written; 64 titles prepared for print to replace old typewritten titles, and 26 to replace Library of Congress titles; 4,589 titles received from the Library of Congress have been classified for the catalogues; 845 titles have been prepared for the co-operative analysis of serials. The total number of titles treated by the Cataloguer and Classifier and their assistants has been 12,685, a decrease of 206 over 1912. The titles reprinted in correction of errors were 64, and for other alterations 999. Cards for 5,121 new titles and 1,104 reprinted titles were received from the printer, electrotypes for 5,996 new titles, and 767 reprinted titles from the electrotypers. The total number of separate titles prepared for print to date is 93,026; of sets of cards received, 92,008; of electrotypes, 59,936.

The number of orders sent to the Library of Congress on triplicate order sheets was 6,957, and reports were received on 6,852, leaving 105 outstanding. There were cards for 3,537 titles on hand January 1st, 1913; 4,248 were received during the year, and 7 were taken from the file of those previously withdrawn; cards for 4,851 were used, and for 472 withdrawn from the file, leaving those for 2,469 on hand December 31st. Of those withdrawn 418 titles were returned to the Library of Congress and 7 were replaced by reprinted cards. Of the 4,248 titles received, 648 were analytical titles from 317 serial publications. Of the 2,469 titles on hand, 665 are for book orders before 1913, 518 for those of 1913, 333 for regular standing orders, and 953 for two special analytical orders.

The work of the Library in the co-operative analysis of serials has been continued. It has supplied 845 titles and has received cards for 3,406. Of the titles received, 663 have been filed in the public card catalogues; one copy of 1,992 filed in the official catalogue; and 177 have been sold.

There have been added 27,900 cards to the classed catalogue, which now contains some 148,100 titles on 383,732 cards, an

average of 2.59 cards per title; 19,528 cards have been filed in the author catalogue, which now contains the same 148,100 titles on 263,100 cards, an average of 1.78 cards per title; 800 guides and 4,368 cards have been added to the subject index, which now contains 23,600 guides and 52,700 cards covering 125,258 titles, an average of 0.42 card per title.

The distribution of the cards in the classed catalogue, by departments, is shown in the following table:

	C.	ARDS
DEPARTMENT	1913	TOTAL
General Works	8,757	128,654
Social Sciences	8,580	96,990
Physical Sciences	1,226	27,051
Natural Sciences	2,278	44,426
Medical Sciences	3,472	27,195
Applied Sciences	3,587	59,416
Total	27,900	383,732

Of the 148,100 titles in the public catalogues about 90,500 are on cards printed by the Library, about 45,500 on Library of Congress cards, about 10,900 on A. L. A. co-operative cards, 100 on other printed cards, and about 1,000 are typewritten.

There have been added 13,729 cards to the index of government publications, making a total of 73,230 in this index. The index of analytical cards issued by the U. S. Bureau of Education has received 1,453 cards, and now contains 11,968 cards.

The cataloguing staff was hampered greatly in its work by the conditions due to the changes in the building. The much smaller number of accessions, however, made it possible for them not only to treat the new books but to do considerable work on the arrears of the Department of Medical Sciences and a little on the Gerritsen purchase. The total number of shelves of arrears of all kinds has been reduced from 1166 to 1098.

Meetings. The Library was represented officially by the Librarian and Cataloguer and unofficially by two other members of the staff at the annual meeting of the American Library Association at Hotel Kaaterskill, June 23rd to 28th; officially by the Librarian at the annual meetings of the National Association of State Libraries and of the Special Libraries Association at the same place and time; officially by the Assistant Librarian and unofficially by fourteen other members of the staff at the annual meeting of the Illinois Library Association at Chicago, December 30th and 31st, and officially by the Librarian or the Cataloguer at

the regular meetings of the Council for Library and Museum Extension.

**Staff.** The absence of the Reference Librarian, Mr. E. D. Tweedell, since May, on account of illness, has been a serious handicap in the work of the reference desks, but fortunately the Library has secured the services for the winter of Mr. R. J. Usher, who filled the position during Mr. Tweedell's former absence, and it is hoped that the latter will return in the spring with his health fully restored.

The following persons have resigned: Dr. Audrey Goss, Medical Reference Librarian; Mr. R. J. Usher, Assistant Reference Librarian; Mrs. A. J. Saunders (Miss Harriet Holderman), senior assistant; Miss C. B. Touzalin and Mr. J. L. Fox, junior assistants; Messrs. R. C. Eaton, A. E. Olson, Paul Brennan, C. T. Latter, Helmuth Bay, and Hans Kleinert, attendants; Harry Nosek, Daniel Bauer, and Charles Olson, pages.

The following have been appointed: Mr. D. Ashley Hooker, Assistant Reference Librarian; Misses Mabel Eaman and Ethel M. Wight, senior assistants; Misses Harriet E. Penfield, Mary L. Reider, and Eva W. Graves, and Mr. Edson A. Freeman, junior assistants; Miss Elizabeth E. Wilson, temporary junior assistant; Miss Elsebeth Martens, and Messrs. Milton A. Brown, D. J. Porto, Noah Fox, William Jaffe, Max Deitenbeck, A. N. Jacobson, and Carlyle Peek, attendants; Henry Everaert, Meyer Richman, Charles Schmiege, and George Fleck, pages.

The following are giving or have given temporary service: Mr. R. J. Usher as Reference Librarian; Mr. J. Christian Bay as Medical Reference Librarian; Miss Grace Kelley as Assistant Classifier; Miss H. E. Penfield as senior assistant; Misses A. D. White, Marie Simpson, and Harriet Messenger as junior assistants; Miss R. B. Lane as attendant.

While the amount of work accomplished is less than in previous years it is hoped that the Board will realize that this is due to the untoward circumstances already mentioned and not to any lack of faithfulness or energy on the part of the staff.

Respectfully submitted,

CLEMENT W. ANDREWS,

Librarian.

Chicago, January 15, 1914.

## LIBRARY STATISTICS: 1

# RECORD OF ATTENDANCE AND USE FOR 1913

	JAN.	FEB.	MARCH APRIL	APRIL	Mav	JUNE	JULY AUGUST	AUGUST	SEPT.	Ост.	Nov.	DEC.	Тотац 1913	TOTAL 1912	IN- CREASE PER CT.
Visitors	14,517	13,747	14,920	13,831	12,830	9.791	10,957	10,497	11,717	13,624	15,401	16,061	157,893	54,834	5
Calls for Books from Stack	14,307	14,589	15,959	14,781	12,792	9.454	10,107	9,276	10,024	14,253	16,126	14,646	14,307 14,589 15,959 14,781 12,792 9,454 10,107 9,276 10,024 14,253 16,126 14,646 156,314 142,262 50 453	42,262	; OI
CallsforPeriodicalsfrom Alcove Daily Average	1,600	1,563	1,739	1,581	1.328	1,185	1,145	1,435	1,597	1,667	1,464.	1,389	17,693	17,784	1 1
Visitors Admitted to Stack	320	346	396	310	268	248	283	224	240	273	275	283	3,466	4,018	91*

Smallest attendance, 83 on July 4th. Largest attendance, 998 on Feb. 22nd. Smallest number of calls for books, 131 on July 4th. Largest number, 1,167 on Nov. 8th.

\*Decrease

			-			
	1913	157,893	156,314 500	17,693 57	3,466	322,049
	1912	154,834	142,262	17,784	4,018	307,350
	1161	143,858	139,386	19,707	2,460	286,829
	1910	138,353	124,819 399	19,990	2,430	268,153
	1909	18,584 30,516 34,827 41,697 54,828 66,512 76,429 87,494 22,9 20,244 101,839 109,677 130,049 134,579 138,353 143,858 154,834 157,893 505 113,835 143,858 154,834 157,893 505 113,835 143,858 154,834 157,893 113,835 143,858 154,834 157,893 113,835 143,858 154,834 157,893 113,835 143,858 154,834 157,893 113,835 143,858 154,834 157,893 113,835 143,858 154,834 157,893 113,835 143,858 154,834 157,893 113,835 143,858 154,834 157,893 113,835 143,858 154,834 157,893 113,835 143,858 154,834 157,893 113,835 143,858 154,834 157,893 154,834 157,893 154,834 157,893 154,834 157,893 113,835 143,858 154,834 157,893 154,893 15	6,995 15,367 18,890 23,996 32,193 39,606 50,264 59,561 67,386 113,565 104,435 108,662 107,006 124,819 139,386 142,262 156,314	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	656 1,017 1,019 1,046 1,167 1,193 1,608 1,681 1,690 1,944 2,671 2,437 2,430 2,460 4,018	1 43.061   55.223   65.645   76.432   89.219   103.291   123.018   142.971   197.440   215.144   232.403   251,281   268,153   286,829   307,350   322,049
	1908	130,049	108,662	20,980	2,671	232,403
	1907	109,677	104,435 334	17,449	1,944	215,144
RS	1906	101,839	113,565	14,722	1,690	197,440
COMPARISON BY YEARS	1905	92,244	67,386 216	15,472	1,681	142,971
RISON	1904	87,494	198,261	15,178	309,1	123,018
COMPA	1903	76,429	50,264	13,264	1,193	103,291
	1902	66,512	39,606	12,250	1,167	89,219
	1001	54,828	32,193	9,741	1,046	76,432
	1900	41,697	23,996	8,667	1,019	65,645
	1899	34,827	18,890 10	8,013	1,017	55,223
	1898	30,516	15,367		989	43,061
	1897 9 MOS.	18,584	6,995	3,864	359	29,141
		Visitors Daily Average	from Stack	from Alcove Daily Average Visitors Admitted	to Stack	Volumes in Library 29,141
		Visitors -	from from from from from from from from	from Daily Ave Visitors	to Sta	Volumes

## LIBRARY STATISTICS: II

						ACCE	ACCESSIONS		,				
Subjects		ORI	Orders		Voi	VOLUMES	PAMPHLETS	HLETS	PER	PERIODICALS	KEC	KECORDED L	USE
	П	1913	Tc	Total	1913	Total	1913	Total		1913		1913	
	Vol.	Est. Cost*	Vol.	Est. Cost*	No.	No.	No.	No.	No.	Cost	Books	Period-	Stack
UNCLASSIFIED	148	\$ 1,671	56,080	\$60,042	319	16,354	1 1	32,111		1 1	1,183		1
I.—General Works:	,				•								•
o Miscellaneous	65	\$ 127	2,395	\$ 6,467	103	1,241	294	5,386	12		3,554	140	33
I Bibliography	190	702	4,663	12,346	302	6,534	681	1,408	151	375 00	1,146	159	4
2 Library Economy	73	73	1,846	368,1	167	2,052	126	973	69		200	103	I
3 Cyclopedias	30	200	1,413	2,823	34	1,533	2	91	ŀ		229	-	3
4 Collected Works of Authors -	3	ν	338	166	12	374	1	4	1	1 1 1 1	278	1	7
_	53	89	3,378	4,198	178	6,028	204	744	112		4,743	3,677	7
_	106	285	4,941	14,501	225	6,315	IO	82	121	310 15	2,264	36	12
7 Exhibitions and Museums	29	81		1,803	99	1,586	Ι	379	29		236	1	:
	108	178		2,894	65	2,075	21	161	18		598	98	7
	112	254		3,053	208	2,710	178	400	47	180 56	4,909	107	∞
40 Philology	42	152		2,117	38	1,026	7	75	i		739	) 	Ι
	258	675	_	13,873	83	7,942	165	1,796	12		5,323	1 1 1	22
_	5,736	2,637		6,242	437	3,389	2	205	32	98 33	956	131	14
,	6,805	\$ 5,295	39,875	\$ 73,206	1,920	43,405	1,202	11,668	603	\$1,442 03	25,535	4,439	109
II.—Social Sciences:													
17 Ethics	49	\$ 67	1,292	\$ 1,132	131	1,468	43	622	0	\$ 5 20	1,791	OI	П
	8	8	269	952	8	806	252	1,147	·∞		836	9	1
30 General Works	256	330	4,165	4,733	246	3,804	132	581	9	160 05	4,795	140	87
	92	123	2,961	3,840	136	3,302	40	122	43		745	17	10
Political	267	305	3,139	3,888	578	5,511	629	1,676	21		2,264	691	12
	615	069	12,106	11,994	988	14,821	932	6,240	192		7,595	1,028	29
Law	123	251	1,954	3,934	147	2,850	117	206	12		1,341	9	13
₹				(	,							-	
	231	377	10,563	11,389	622	23,319	310	2,197	81	210 03	4,005	77	21
٠,	95	178		3,367	$3^{11}$	6,072	376	2,263	63	82 12	2,593	152	9
37 Education	22I	358		7,417	808	11,500	1,108	6,294	122		4,579	285	43
3	C	1		,	9	,					,		
	208	235	2,800	3,001	458	5,106	270	1,144	65	78 94	2,603	524	25
39 Customs, Folkiore, etc	707	-	- 1	2,130	526	1,035	349	1,013	20	17 74	2,282	21	2
	2,472	\$ 3,243	- 1	52,950 \$ 58,385	4,632	80,484	4,608	23,895	969	\$1,170 31	35,429	2,444	290

\* To nearest dollar.

						ACCESSIONS	SIONS		-				
SUBJECTS		S	URDERS		Vol	VOLUMES	PAMPHLETS	LETS	LHK	FERIODICALS	NEC	NECOKDED OSE	N N
		1913	To	Total	1913	Total	1913	Total		1913		1913	
III.—PHYSICAL SCIENCES:	Vol.	Est.Cost	Vol.	Est.Cost	No.	No.	No.	No.	No.	Cost	Books	Period-	Stack
50 General Works	188	\$ 321	4,541	\$ 8,246	180	4,236	20	200	40	\$ 89 4			4
51 Mathematics	410	268	3,714	7,801	241	3,987	38	162	42	124 93	3 3,015	53	39
52 Astronomy	291	359	3,881	8,232	220	4,200	121	406	45		_		rν
53 Physics	635	838	6,663	11,317	440	7,648	545	1,396	89	234 43		375	144
	645	550	6,433	10,764	287	6,451	35	992	20				195
	2,169	60,	10	\$ 46,360	1,368	26,522	759	2,930	245	\$ 934 66	15,691	637	378
IV.—NATURAL SCIENCES:	(	,	(	,		,		(		9			!
55 Geology	83	288	2,800	\$ 11,015	199	6,722	27	1,00%	104	\$ 281 72	2 2,430	22	45
	3	49	629	679 3,159		759	0	8	7	000			4
57 Blology and Natural Sciences		1	1	1		(		_		(			1
	184	199	8,678	56,966	244	9,182	40	465	179	598 49	9 3,395	21	S,
58 Botany	139	494	5,376	17,834	177	5,654	22	401	00	413 47		61	<b>6</b> 2
59 Zodlogy	131	1,073	8,267	35,904	262	8,601	52	992	136	1,173 7	3 3,145	54	89
	540	\$ 2,565	28,800	\$ 94,878	899	30,918	141	3,006	526	\$2,568 06	5 10,234	117	253
V,Medical Sciences	2,653	\$ 3,214		73,533 \$ 98,721	2,956	65,899	2,143	95,058*	639	2,350 79	17,460	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	292
VI.—APPLIED SCIENCES:													
60, 70 General Works	65	·	4,690	\$ 9,782	187	6,951	24	164	81	\$ 228 4	9 2,259	1,921	329
	337	_	13,039	23,007	750	17,461	297	2,294	230	606 74	_	3,610	246
63 Agriculture	401	230	7,987	8,203	392	10,006	893	2,911	135		_	291	500
	25		1,713	1,500	43	1,851	40	288	12		1,087	187	12
65 Trade and Transportation	354	_	6,537	9,338	343	7,310	132	1,308	77	149 79		1,093	20
66 Chemical Technology	$3^{12}$	_	4,009	9,104	270	5,370	37	039	75		_		340
67, 68 Manutactures and Trades.	48		2,778	4,570	217	3,773	35	581	IO				17
69 Building	37		1,880	3,240	901	2,271	18	328	28		3,091	525	20
71 Landscape Gardening	3		743	1,183	35	0000	17	348	9	13 35			
72 Architecture	24	88 0	1,238	3,850	65	1,868	91	126	91				12
73-76 Drawing, Design, etc	29		1,713	5,659	79	00%,1	61	128	0		3,105	198	0 1
77 Photography	-II	2	1,290	817	112	1,854	30	200	30				35
Total	1,624	<b>6</b>	2,421 48,217	\$ 280,35	2,605	61,467	1,573	9,642	3,466‡	\$1,765 81 -10,231 66	5 50,782 5 156,314	10,056	1,669 3,466
								+D. C.		,			
*Includes Senn Collection, 6,209.								TBy Gift 875	11 075.				

\*Includes Senn Collection, 6,209.

## LIST OF DONORS IN 1913

Volume Pamphi		Volume Pamphl	
Aarnus, Statsbiblioteket, Aarnus,		Alabama, State Factory Inspector,	
Den	1	Montgomery, Ala	I
Aberdeen University, Aberdeen,		Alabama, State Game and Fish	
Scot	I	Commissioner, Montgomery,	
Abrams, D. A., Urbana, Ill	I	Ala	I
Academia Nacional de Medicina,		Alabama, State Tax Commission,	
Mexico, Mex	I	Montgomery, Ala	I
Academia Polytechnica do Porto,	_	Alabama, Supt. of Banks, Mont-	
Coimbra, Portugal	2	gomery, Ala	ΙΙ
Academy of Science of St. Louis,		Alaska, Governor, <i>Juneau</i> , <i>Alaska</i> Albany Chamber of Commerce,	I
St. Louis, Mo	I	Albany N V	4
York, N. Y	I	Albany, N. Y	4
Adams, Dr. Charles, Kenilworth,		N. Y	I
Ill	33	Albany Society of Civil Engineers,	-
Adams, Edward D., New York,	55	Albany, N. Y	3
N. Y	I	Alberta, Dept. of Agriculture, Ed-	J
Adams, Edward F., San Francisco,		monton, Alta	3
Cal	I	Alberta, Dept. of Education, Ed-	
Adams Nervine Asylum, Boston,		monton, Alta	2
Mass	I	Alberta, Dept. of Public Works,	
Adirondack League Club, New		Edmonton, Alta	I
York, N. Y	2	Alexandria Chamber of Commerce,	
Aero Club of America, New York,		Alexandria, Va	I
Y. Y	4	Allegheny College, Meadville, Pa	I
Ahern, M. E., Chicago, Ill	I	Allegheny Observatory, Allegheny,	
Air Cleaning System, Chicago, Ill	I	Pa	3
Akademia Umiejętności w Krakowie,		Amalgamated Association of Street	
Krakow, Austria	I	and Electric Railway Em-	
	_	ployees of America, Detroit,	I
Station, Auburn, Ala	5	Mich	1
Convicts, Montgomery, Ala	2	York, N. Y	I
Alabama, Dept. for the Inspection	2	American Academy of Ophthal-	•
of Jails, Alms Houses, Cotton		mology and Oto-Laryngology,	
Mills, Factories, etc., Mont-		Chicago, Ill	2
gomery, Ala	I	American Agricultural Associa-	
Alabama, Dept. of Archives and		tion, Chicago, Ill	I
History, Montgomery, Ala	5	American Association for Labor	
Alabama, Dept. of Education,		Legislation, Madison, Wis	I
Montgomery, Ala	3	American Association of Freight	
Alabama, Geological Survey, Mont-		Agents, East St. Louis, Ill	I
gomery, Ala	2	American Association of General	
Alabama Great Southern Railroad		Passenger and Ticket Agents	
Company, New York, N. Y	2	Boston, Mass	I
Alabama, Inspector of Mills, Fac-		American Association of Manufac-	
tories & Manufacturing Estab-	т	turers of Sand-Lime Products,	A
lishments, Montgomery, Ala Alabama Polytechnic Institute,	I	Buffalo, N. Y	4
Auburn, Ala	I	Milk Commissions, Cincinnati,	
Alabama, Secretary of State, Mont-	•	0	I
gomery, Ala	2	American Association of Obstet-	-
Alabama State Bar Association,	_	ricians and Gynecologists,	
Birmingham, Ala	2	Cincinnati, O	I

Volumes Pamphl		Volume Pamph	s or ets.	
American Bankers Association,		American Journal of Veterinary		
New York, N. Y	5	Medicine, Chicago, Ill	I	
American Bison Society, Groton,	J	American Laryngological Associa-	_	
Mass	I	tion, New York, N. Y	I	
American Brewers' Review Co.,		American Laryngological, Rhino-		
Chicago, Ill	3	logical and Otological Soci-		
American Cane Sugar Bureau,	_	ety, New York, N. $\overline{Y}$	I	_
$Washington, D. C. \ldots$	19	American Leather Chemists' Asso-	=1	- All Far
American Canoe Association, New		ciation, $Easton$ , $Pa$	3	- 1 3
York, N. Y	I	American Life Convention, Omaha,		
American Chemical Society, Chi-		Neb	I	
cago, Ill	3	American Life Convention, Medical		
American Civic Association, Wash-		Section, Chicago, Ill	6	
ington, D. C	2	American Locomotive Company,	,	
American Climatological Associa-		New York, N. Y	6	
tion, Hot Springs, Va	I	American Marine Engineer, New		
American Conservatory of Music,		York, N. Y	1	
American Farm Land Co., Kansas	I	American Mathematical Society,	I	
City, Mo	2	New York, N. Y	1	
American Federation for Sex Hy-	2	Chicago, Ill 36	So.	
giene, New York, N. Y	I	American Medical Editors Asso-	793	
American Federation of Labor,	•	ciation, New York, N. Y	2	
Washington, D. C	16	American Medico-Psychological	_	
American Federation of Labor,		Association, Binghamton, N. Y.	2	
Metal Trades Dept., Washing-		American Mining Congress, Wash-		
ton, D. C	1	ington, $D. C$	3	
American Federation of Labor,		American Museum of Natural His-		
Railroad Employees Dept.,		tory, New York, N. Y	2	
St. Louis, Mo	1	American Museum of Safety, New		
American Federation of Labor,		York, N. Y	3	
Union Label Trades Dept.,	_	American National Live Stock	_	
Washington, D. C	2	Association, Denver, Colo American National Red Cross As-	2	
Union, Toledo, O	2	sociation, Washington, D. C	I	
American Food Journal, Chicago,	-	American Ophthalmological Soci-		
Ill	10	ety, Philadelphia, Pa	I	
American Foundrymen's Associa-		American Osteopathic Associa-	_	
tion, Watchung, N. J	3	tion, New York, N. Y	I	
American Free Trade League, Bos-	Ü	American Otological Society, New		
ton, Mass	2	$York, N. Y. \dots \dots$	I	
American Gastro-Enterological		American Peace Society, Boston,		
Association, Detroit, Mich	2	Mass	I	
American Gynecological Society,		American Pediatric Society, Wash-		
New York, N. Y	I	ington, D. C	I	
American Hospital Association,  Detroit, Mich	2	American Pharmaceutical Association, Columbus, O	2	
American Humane Association,	2	American Photo-Engraver, Chicago,	2	
Albany, N. Y	2	Ill	I	
American Institute of Architects,	_	American Pomological Society,	-	
Washington, D. C	3	Washington, D. C	2	
American Institute of Child Life,	Ü	American Practitioner, New York,		
Philadelphia, Pa	I	N. Y	I	
American Institute of Electrical		American Proctologic Association,		
Engineers, New York, N. Y	I	St. Louis, Mo	I	
American Institute of Mining En-		American Protective Tariff League,	= 2	
gineers, New York, N. Y American Iron and Steel Associa-	2	New York, N. Y	53	
tion, Philadelphia, Pa	т	American Quarterly of Roentgen- ology, <i>Pittsburg</i> , <i>Pa</i>	T	
American Journal of Orthopedic	•	American Railway Association.	•	
Surgery, Philadelphia, Pa	I	American Railway Association, New York, N. Y	4	

	X7-1		37-1
	Volumes Pamphl		Volumes or Pamphlets.
	American Railway Bridge and		Appleton, Dr. S. E., Grand Rapids,
	Building Association, Chicago,		Mich I Apprenticeship and Skilled Em-
	American Railway Engineering	I	ployment Association, London,
	Association, Chicago, Ill	I	Eng I
/	American Ramabai Association,		Arbeiter-Versorgung, Berlin, Ger. 1
/	Boston, Mass American Society for the Judicial	I	Arbeiter-Zeitung, St. Louis, Mo I Arbeitareröelsens Arkiv, Stock-
	Settlement of International		holm, Sw
,	Disputes, Baltimore, Md	1	Argentine Republic, Ministerio de
_	American Society of Brewing	_	Argricultura, Buenos Aires, A.R. 23
	Technology, Chicago, Ill American Society of Engineering	I	Argentine Republic, Ministerio de Obras Publicas, Buenos Aires,
	Contractors New York, N. V.	I	A. R
	American Society of Heating and Ventilating Engineers, New York, N. Y		Arizona Agricultural Experiment
	Ventilating Engineers, New	_	Station, Tucson, Ariz 6
	American Society of Inspectors of	I	Arizona Bankers Association,  Prescott, Ariz 5
	Plumbing and Sanitary En-		Arizona, Governor, Phoenix, Ariz I
	gineers, Chicago, Ill	1	Arizona State Law Library,
	American Society of Mechanical	2	Phoenix, Ariz4 Arizona, State Tax Commission,
	Engineers, New York, N. Y American Steam Pump Company,	2	Phoenix Ariz
	Battle Creek, Mich	I	Phoenix, Ariz
	American Steel and Wire Co.,		Station, Fayetteville, Ark 12
	Chicago, Ill	5	Arkansas, Bureau of Mines, Manufactures and Agriculture, <i>Little</i>
	York, N. Y	1	Rock, Ark I
	American Sunday School Union,		Arkansas, Secretary of State, <i>Little</i>
/	Chicago, Ill	1	Rock, Ark
	Paul, Minn	2	Arkin, Dr. Aaron, Chicago, Ill I Armour Institute of Technology,
	American Telephone and Tele-	_	Chicago, Ill. 2
	graph Co., New York, N. Y	4	Arnold, Bion J., Chicago, Ill 4
	American Type Founders Com-	2	Arnold, John P., Chicago, Ill 2 Art Metal Construction Co., James-
	pany, Chicago, Ill American Unitarian Association,	2	town, N. Y
	Boston, Mass	31	Arteraft Institute, Chicago, Ill I
	American Vanadium Co., Pittsburg,		Ashhurst, Dr. Astley P. C., Phil-
	Pa	1	adelphia, Pa I Asociación de Ingenieros y Ar-
	ciation, Pittsburg, Pa	10	quitectos de México, Mexico,
	American Water Works Associa-		Mex
	tion, Charleston, S. C	1	Asociación International para la
	American Wood Preservers' Association, Chicago, Ill	2	Protección Legal de los Tra- bajadores, Madrid, Spain I
	Amherst College, Amherst, Mass	I	Associated Charities, Boston, Mass. 2
7	Amsterdam, Kamer von Koophan-		Associated Harvard Clubs, Min-
	del en Fabrieken, Amsterdam, Netherlands	I	neapolis, Minn
	Anderson Auction Co., New York,		cago, Ill
	N. Y	3	Association des Cités Jardins, Paris,
	Andrew, How. A. Patt, Washing-		France I
	ton, D. C	4	Association for International Con-
	111	18	ciliation, American Branch, New York, N. Y 23
	Animal Husbandry, Chicago, Ill	1	Association for Standardizing Pav-
	Antropologiske Komite, Copen- hagen, Den	1	ing Specifications, <i>Chicago</i> , <i>Ill.</i> 2 Association for the International
1	Anti-Cruelty Club, Chicago, Ill	I	Interchange of Students, Lon-
	Appeal Publishing Co., Girard, Kan.	1	don, Eng

	1		
Volumes	sor	Volume	sor
Pamphl	ets.	Pamphl	ets.
Association of American Physi-		Bacterial Therapist, Detroit, Mich.	T
cians, Philadelphia, Pa		Baer, Joseph, & Co., Frankfurt-	
	I		_
Association of American Portland		am-Main, Ger	2
Cement Manufacturers, Phil-		Bahlsen, Prof. L., Stralsund, Ger.	I
adelphia, Pa	3	Bainbridge, Dr. Wm. Seaman, New	
Association of American Railway	•	Baker, J. T., Chemical Co., Phil-	7
Accounting Officers, Chicago,		Baker I T Chemical Co Phil-	•
	_	libebrua N I	_
Association of American Universi-	2	lipsburg, N. J	2
Association of American Universi-		Balch, T. W., Philadelphia, Pa	1
ties, Chicago, Ill	2	Baldwin, Dr. E. R., Saranac Lake,	
Association of Corrections of the		N. Y	2
Press, London, Eng	6	Baldwin Locomotive Works,	
Association of Directors of the	Ü	Philadelphia, Pa	2
		D 11 ' Trill' TT TT 1'	
Poor and Charities of Pennsyl-		Baldwin, William H., Washington,	_
vania, Somerset, $Pa$	I	D. C	6
Association of Life Insurance		Baltimore & Ohio Railroad Com-	
Presidents, New York, N. Y	5	pany, Baltimore, Md	6
Association of Ontario Land Sur-	J	Baltimore, Board of Police Com-	•
	_		_
veyors, Toronto, Ont	I	missioners, Baltimore, Md	I
Association of the Bar of the City		Baltimore Chamber of Commerce,	
of New York, New York, N. Y.	1	Baltimore, $Md$	I
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Usher, R. J., Chicago, Ill	2 9	and National Gallery, Melbourne, Vict	1
Utah Agricultural College, Logan, Utah Utah Agricultural Experiment	I	Victorian Railways Commissioner, Melbourne, Vict	2
Utah Agricultural Experiment Station, Logan, Utah	12	Videnskabs-Selskabet, Christiania, Norway	5
Utah, Bureau of Immigration, Labor and Statistics, Salt Lake		Virginia Agricultural Experiment Station, Blacksburg, Va	5
City, Utah Utah, Commissioner of Insurance,	4	Virginia, Auditor of Public Accounts, Richmond, Va	I
Salt Lake City, Utah	1	Virginia, Commissioner of Health,	2
Utah, Conservation Commission, Salt Lake City, Utah	I	Richmond, Va	
Utah, Engineering Experiment Station, Salt Lake City, Utah	I	Immigration, Richmond, Va Virginia Geological Survey, Char-	I
Utah, State Board of Land Commissioners, Salt Lake City,		lottesville Va Virginia, Secretary of the Common-	2
Utah, State Coal Mine Inspector,	2	wealth, Richmond, Va Virginia State Library, Richmond,	3
Salt Lake City, Utah	1	Va	3

Volume Pamphl		Volumes Pamphie	or ets.
Visiting Nurse Association, Chicago,		Washingtonian Home, Chicago, Ill	3
$Il\bar{l}\dots\dots$	1	Waterloo Public Library, Water-	
Vocation Bureau, Boston, Mass	7	Waterous Engine Works Co., St. Paul, Minn.	6
Volta Bureau, Washington, D. C Voorhees Industrial School, Den-	33	Paul Minn	т
mark, S. C	I	Watertown Free Public Library,	•
Voter, Chicago, Ill	I	Watertown, Mass	I
Voynich, Wilford M., London, Eng.	I	Webster, Dr. George W., Chicago,	
Wabash College, Crawfordsville, Ind.	I	Webster, Dr. George W., Chicago, Ill	92
Wabash Railroad Company, St. Louis, Mo	I	Weigel, Theodor Oswald, Leipzig,	1
Wagner Free Institute of Science,	•	Saxonv	2
Philadelphia, Pa	3	Weinstock, Harris, San Francisco,	
Wahl-Henius Institute of Ferment-		Cal	1
ology, Chicago, Ill	3	Welcher, Adair, Berkeley, Cal	2
Wainwright, J. T., Chicago, Ill Walker, Edward C., New York, N. Y.	I	Wellcome Chemical Research Lab- oratories, London, Eng	8
Walker, H. H., Chicago, Ill	I	Wellesley College, Wellesley, Mass.	I
Walker, M. F., Cadiz, O	I	Wells, George Frederick, New York,	-
Walker Brothers & Hairland,		N. Y	I
Chicago, Ill	1	Wells College, Aurora, N. Y	I
Walker Electric Company, Phila- delphia, Pa	т	Welsh League for the Taxation of Land Values, Cardiff, Wales.	-
Walther, Dr. Th. H., Chicago, Ill.	I	Wesley Hospital, Chicago, Ill	7
Ware, Dr. Lyman, Chicago, Ill		Wesleyan University, Middletown,	_
Ware Bros. Company, Philadelphia,		Conn	6
Pa	I	West Chicago Park Commissioners,	
Warne, Dr. Frank Julien, Chicago, Ill	I	West Hartlepool Public Library,	1
Warren Academy of Sciences,	•	West Hartlepool, Eng	I
Warren, Pa Washburn College, Topeka, Kan	I	√ West Indies, Imperial Dept. of	
Washburn College, Topeka, Kan	I	Agriculture, Barbados, W. I West Virginia Agricultural Ex-	I
Washington Agricultural Experi-	- 0	West Virginia Agricultural Ex-	
ment Station, <i>Pullman</i> , <i>Wash</i> Washington and Lee University,	20	town W Va	27
Lexington, Va	2	periment Station, Morgan- town, W. Va	-1
Lexington, Va		West Virginia, Board of Control, Charleston, W. Va	6
missioners, Olympia, Wash	1	West Virginia, Board of Control,	
Washington, Bureau of Inspection and Supervision of Public		West Virginia Burgan of Labor	I
and Supervision of Public Offices, Olympia, Wash		West Virginia, Bureau of Labor, Wheeling, W. Va	2
Washington, Commissioner of		West Virginia, Commissioner of	_
Labor, Olympia, Wash	1	Banking, Charleston, W. V West Virginia, Dept. of Free	1
Washington, Dept. of State, Olym-		West Virginia, Dept. of Free	
Washington Geological Survey	3	Schools, Charleston, W. Va West Virginia, Dept. of Mines,	2
pia, Wash	2	West Virginia, Dept. of Mines, Charleston, W. Va	I
Washington Medical Annals, Wash-	_	West Virginia Education Associa-	•
ington, D. C	I	tion, Williamson, W. Va	I
Washington Public Library, Wash-		West Virginia, Insurance Dept.,	
ington, D. C	4	Charleston, W. Va	3
mission, Olympia, Wash	2	Charleston, W. Va	I
Washington State Library, Olym-	_	West Virginia, State Road Bureau,	-
pia. Wash	30	Morgantown, W. Va	I
Washington, State Traveling Li-		West Virginia, State Tax Commissioner, Charleston, W. Va	
brary, Olympia, Wash	I	Westborough State Hospital West	2
struction, Olympia, Wash	ı	Westborough State Hospital, West- borough, Mass	I
Washington University, St. Louis,		Western Australia, Geological Sur-	•
Mo	8	vey, Perth, W. A	7

Volumes o Pamphlets	
Western Australia, Government	Wisconsin Agricultural Experiment
Analyst, Perth, W. A	I Station, Madison, Wis 18
Western Australia Observatory,  Perth, W. A.  Western Australia, Registrar Gen-	Wisconsin Archæological Society,
Perth, W. A	3 Milwaukee, Wis I Wisconsin, Attorney General, Mad-
eral, Perth, W. A	I ison, Wis I
Western Australia. Treasurer of	I ison, Wis I Wisconsin, Board of Regents of
Western Australia, Treasurer of State, Perth, W. A	3 Normal Schools, Madison, Wis. 1
Western Railway Club, Chicago, Ill.	2 Wisconsin, Board of Water Com-
Western Reserve University,	missioners, Madison, Wis I
Western Reserve University, Li-	5 Wisconsin, Bureau of Vital Statistics, Madison, Wis
	4 Wisconsin, Butter Makers' Asso-
Western Society of Engineers, Chi-	ciation, Madison, Wis 1
	9 Wisconsin, Commissioner of Bank-
	ing, Madison, Wis
Westinghouse Electric and Manu-	7 Wisconsin, Dairy and Food Commission, Madison, Wis 3
facturing Co., East Pittsburg,	Wisconsin Dairymen's Association,
	3 Madison, Wis 2
Westminster Public Libraries, Lon-	Wisconsin Free Library Commis-
*** *** *** ***	sion, Madison, Wis 3 Wisconsin, Geological and Natural
Whidden, Mrs. A. M., Wilmette,	History Survey, Madison, Wis. 1
Ill	2 Wisconsin Medical Journal, Mil-
White Fund, Trustees, Lawrence,	2 Wisconsin Medical Journal, Milwaukee, Wis
Mass	Wisconsin Natural History Society,
Wilbraham Academy, Wilbraham, Mass	Milwaukee, Wis
Wilkes-Barre, Chamber of Com-	Madison, Wis
merce, Wilkes-Barre, Pa	I Wisconsin, Secretary of State,
Williams, Dr. Francis H., Boston,	Maaison, wis
	Wisconsin, State Board of Agricul- ture. <i>Madison</i> . Wis
Williams, Nathan B., Fayetteville,	ture, Madison, Wis 3 Wisconsin, State Board of Health,
Ark	I Madison, Wis 2
Williams College Williamstown	Wisconsin State Historical Society,
Mass	7 Madison, Wis
Williamsbort Pa.	Wisconsin State Horticultural Society, Madison, Wis 3
Williamsport, Pa	ety, Madison, Wis 3 Wisconsin State Normal School,
Del	3 Milwaukee, Wis 2
Wilmington, Supt. of Schools, Wil-	Wisconsin, Supt. of Public Instruc-
mington, Del	5 tion, Madison, Wis
	I Madison, Wis
Wilson-Maculen Company, New	Wisconsin, Tax Commission, Mad-
York, N. Y	2 ison, Wis
	7 Wisner, Carl V., Chicago, Ill 3
Windsor, Public Library, Windsor, Ont	Wistar Institute of Anatomy and Biology, <i>Philadelphia</i> , <i>Pa</i> 13
Wing, L. J., Manufacturing Co.,	Biology, Philadelphia, Pa 13 Wolf, Fred W., & Co., Chicago, Ill. 2
Chicago, Ill	5 Woman's Medical College of Penn-
Winnebago County, Supt. of Schools, Rockford, Ill	sylvania, Philadelphia, Pa I
Winnetka Public Library, Win-	Women's Canadian Historical Society, Ottawa, Ont
	2 Women's Foreign Missionary Soci-
Winslow Bros. Co., Chicago, Ill	I eties of the Presbyterian
Wisconsin Agricultural Experi-	Church, New York, N. Y I
ment Association, Madison,	Women's Trade Union League,
Wis	I London, Eng 4

Volumes or Pamphlets.	Volumes or Pamphlets.
Women's Protest, New York, N. Y. 2	Wyoming, Commissioner of Public
Wood Brothers, Chicago, Ill I	Lands, Cheyenne, Wyo 2
Wood Products Co., Buffalo, N. Y. I	Wyoming, State Auditor, Cheyenne,
Worcester, Board of Park Com-	· Wyo 5
missioners, Worcester, Mass I	Wyoming, State Board of Charities
Worcester County Law Library,	and Reform, Cheyenne, Wyo 2
Worcester, Mass 10	Wyoming, State Engineer, Chey-
Worcester Free Public Library,	enne, Wyo9
Worcester, Mass 2	Yale Law Journal, New Haven,
Worcester Polytechnic Institute,	Conn
Worcester, Mass I	Yale Peruvian Expedition, New
Worker, Sydney, N. S. W	Haven, Conn
Workingmen's Institute, New Har-	Yale University, New Haven, Conn. 7
mony, Ind	Yamaguchi Public Library, Yama-
Workington Public Libraries, Work-	guchi, Japan
ington, Eng	Young, R. T., University, N. D
Workmen's Compensation Publicity	Young Men's Christian Associa-
Bureau, New York, N. Y 8	tion Institute and Training
World in Chicago, Chicago, Ill 3	School, Chicago, Ill
World Peace Foundation, Boston,	Zeller, Dr. Geo. A., Peoria, Ill 3
Mass 52	Zeutmayer, Dr. W., Philadelphia,
World Star Knitting Co., Bay City,	Pa 13
Mich	Zetek, James, Ancon, Canal Zone I
Worthington, B. A., Chicago, Ill I	Ziegel, Dr. H. Fred Lange, New
Wyoming Agricultural Experiment	York, N. Y 2
Station, Laramie, Wyo 6	Zurich, Stadtbibliotek, Zurich, Switz. 1

#### HENRY WALKER BISHOP

At the annual meeting of the Board of Directors of The John Crerar Library, held January fifteenth, 1914, the following resolutions, submitted by a committee consisting of Messrs. Hughitt, Lincoln, and Busby, were unanimously adopted, and it was ordered that they be spread upon the records and printed in the Annual Report of the Library with a portrait, and that an engrossed copy be sent to the family of Mr. Bishop.

LEONARD A. BUSBY, Secretary.

RESOLVED, that the Board of Directors of The John Crerar Library have received with great sorrow the notification of the death of their colleague and friend, Henry Walker Bishop.

Mr. Bishop was designated by Mr. Crerar as a member of this Board in the foundation of the Library, and the trust thereupon accepted by Mr. Bishop had the benefit of his loyal and valuable service during a period of nearly nineteen years, to the end of his life.

Mr. Bishop was born June 2nd, 1829. He graduated from Williams College, and afterwards pursued the study of law and graduated from the Law School of Harvard University. sought the West as a field for his professional activities, located in Chicago in 1853, and at once began the practice of the law. In 1865 he was appointed by Judge David Davis and Judge Thomas Drummond as Master in Chancery of the Circuit Court of the United States for the Northern District of Illinois, and continued actively in the discharge of his duties for a period of over fortysix years, until the end of the year 1911, when the Circuit Courts were abolished. Perhaps the most fitting tribute that can be paid to his official career is the simple statement that his reports as Master, both as to facts and conclusions, were almost always approved and confirmed by the distinguished judges who have occupied the bench of that Court during a period of well nigh half a century.

In addition to his professional work, Mr. Bishop always found time to interest himself in the welfare and progress of others, and especially in that of young lawyers. Many of his lawyer friends speak with pleasure and gratitude of the kindly assistance he was able to give them. He combined within himself the sterling qualities of his New England ancestors. He was a man of great steadfastness and integrity of purpose and possessed in an unusual degree a singular kindliness and tenderness of character. He was the first president of the Union Club of Chicago, of which organization he was one of the founders. He was one of the charter members of the Chicago Club and its president in 1893–4.

In memory of his son, who died in 1885 during his senior year in Williams College, he erected the building known as "The Henry W. Bishop III Memorial Training School for Nurses" at Pittsfield, Massachusetts. This building he endowed and equipped complete for its noble work, and it will remain an enduring evidence of his efforts to alleviate human suffering, and of his love toward his fellow-men.

RESOLVED FURTHER, that this resolution be spread upon the minutes of The John Crerar Library, and that a copy be engrossed and sent to Mr. Bishop's family.

### REGULATIONS

The Library is a free public reference library, open to readers every day, excepting Sundays, from 9 A. M. to 10 P. M.

Satchels, suit cases, bags, etc., must be checked in the Cloak Room. Outer garments, umbrellas, and packages may be, and in wet weather must be, so checked. No charge is made for the service. The Library will not hold itself responsible for unchecked articles nor for any articles left over night.

Books shelved in the Reading Room and in the Senn Room, except as noted below, may be consulted without formality, but after use are to be left on the tables, instead of being replaced on the shelves.

Current periodicals, except those on the Medical Sciences, may be consulted within the periodical alcove, and may be obtained for use at the tables in the Reading Rooms by presenting at the periodical desk serial call-slips properly filled out. Current medical periodicals are shelved in the Senn Room and may be consulted there.

Books not shelved in the Reading Rooms may be obtained by presenting to the Delivery Clerk book call-slips properly filled out. These books are to be returned to the delivery desk.

Persons engaged in special research, if satisfactorily vouched for, may be admitted to the Stack Rooms. Application for this privilege should be made to the Reference Librarians. All books used under this provision are to be left on the tables in the Stack Rooms.

Books not suitable for general use may be consulted only upon registration and statement of satisfactory reasons, and those of great value or rarity only in the presence of an attendant.

Writing or marking in books belonging to the Library, their mutilation in any manner, and their removal from the Library, are forbidden. The tracing of plans will be permitted if done over a celluloid cover, but not otherwise. The covers will be furnished upon application at the delivery desk.

The officials of the Library are authorized to exclude any person of unseemly behavior or appearance, and any one wilfully violating its regulations.

The Reference Librarians, in charge of the Reading Rooms, will give assistance in the use of the library.

### PUBLICATIONS IN PRINT

No bills are rendered. Orders should be accompanied by postal money order or stamps.

Annual reports. First to nineteenth for the years 1895–1913. Chicago 1897–1914. Sent gratis on request.

The First report contains Record of Organization; the Second, Memorial of Edson Keith; the Fourth, By-laws of the Corporation; the Fifth, Memorial and portrait of Norman Williams; the Sixth, Memorial and portrait of Huntington W. Jackson; the Seventh, Act and Ordinance authorizing the Library to erect and maintain a free public library on the Lake Front Park; the Ninth, "Act concerning free public libraries in public parks"; the Eleventh, Memorial and portrait of Marshall Field, and "Ordinance concerning The John Crerar Library"; the Thirteenth, Memorials and portraits of Albert Keep and Dr. Nicholas Senn; the Fourteenth, By-laws of the Corporation; the Fifteenth, Report of the Special Committee on Site; the Nineteenth, Memorial and portrait of Henry W. Bishop.

Printed catalogue cards for the titles of all books in the Library. *Prices on application*.

A list of current periodicals in the Reading Room, June, 1902. Chicago 1902. 97 p. Price 10 cents; by mail 15 cents.

A list of books on industrial arts, October, 1903. Chicago 1904. 249 p. Price 20 cents; by mail 30 cents.

A bibliography of union lists of serials. Chicago 1906. 28 p. Price 5 cents; by mail 10 cents.

A list of books exhibited December 30, 1907—January 4, 1908, including incunabula and other early printed books in the Senn Collection. Chicago 1907. 32 p. *Price 5 cents; by mail 10 cents*.

A list of books in the Reading Room, 1909. Chicago 1909. viii, 488 p. Price 25 cents; by mail 50 cents.

A list of books on the history of science. Chicago 1911. 10, 297 p. Price 25 cents; by mail 40 cents.

A list of current medical periodicals and allied serials, second edition, April, 1913. Chicago 1913. 32 p. Price 5 cents; by mail 10 cents.

Handbook, 1913. Chicago 1913. 16 p. Sent gratis on request.

1914 1914

### THE

# JOHN CRERAR LIBRARY

TWENTIETH ANNUAL REPORT

3

FOR THE YEAR

1914



CHICAGO
PRINTED BY ORDER OF THE BOARD OF DIRECTORS
1915



LIBERARY
OF THE
UNIVERSITY OF ILLINOIS



Eliphalet M. Blatchford.

### THE

## JOHN CRERAR LIBRARY

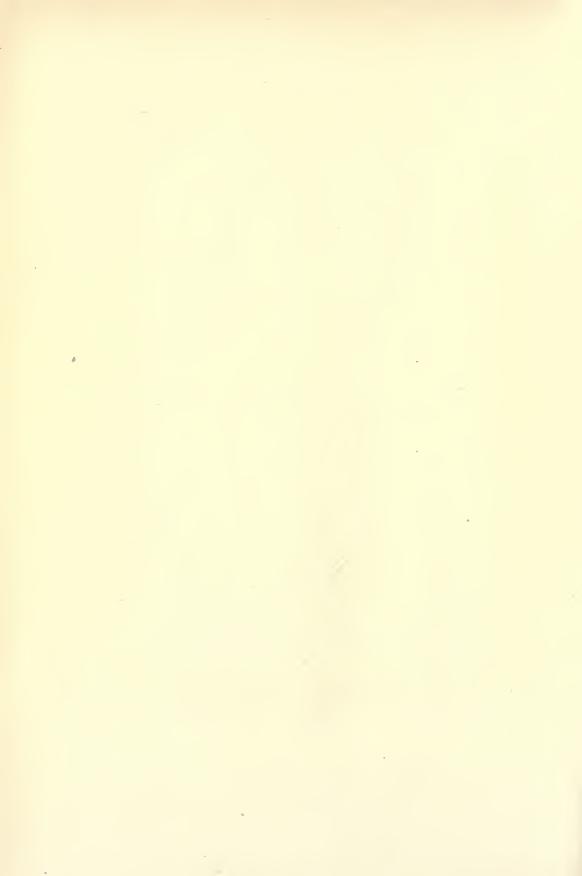
### TWENTIETH ANNUAL REPORT

FOR THE YEAR

1914



CHICAGO
PRINTED BY ORDER OF THE BOARD OF DIRECTORS



### OFFICERS, 1915

President
MARVIN HUGHITT

First Vice-President
THOMAS D. JONES

Second Vice-President ROBERT FORSYTH

Secretary
Walter B. Smith

Treasurer
WILLIAM J. LOUDERBACK

Librarian
CLEMENT W. ANDREWS

### BOARD OF DIRECTORS

ROBERT T. LINCOLN
JOHN M. CLARK
FRANK S. JOHNSON
PETER STENGER GROSSCUP
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THOMAS D. JONES

JOHN J. MITCHELL
LEONARD A. BUSBY
ROBERT FORSYTH
CHAUNCEY KEEP
FREDERICK H. RAWSON
ALBERT A. SPRAGUE II

WALTER B. SMITH

CARTER H. HARRISON, Mayor of Chicago, ex-officio MICHAEL ZIMMER, Comptroller of Chicago, ex-officio

### STANDING COMMITTEES

Finance
John J. MITCHELL

CHAUNCEY KEEP

MARVIN HUGHITT

Administration
LEONARD A. BUSBY

FREDERICK H. RAWSON

ALBERT A. SPRAGUE II

Buildings and Grounds

ROBERT FORSYTH

JOHN M. CLARK

THOMAS D. JONES

CHAUNCEY KEEP, associate member

Books

FRANK S. JOHNSON

THOMAS D. JONES

ROBERT FORSYTH

## DIRECTORS, 1894—1915

NORMAN WILLIAMS		-		-		-		-		-	1894-1899*
HUNTINGTON W. JAC	cks	ON			-		-		-		1894-1901*
MARSHALL FIELD		-		-		-		-		-	1894-1906*
E. W. BLATCHFORD	-		-		-		-		-		1894-1914*
T, B. BLACKSTONE		-		-		-		-		-	1894-1899†
ROBERT T. LINCOLN	-		-		-		-		-		1894—
HENRY W. BISHOP		-		-		-		-		-	1894-1913*
EDWARD G. MASON	-		-		-		~		-		1894-1895†
ALBERT KEEP -		-				-		-		-	1894-1907*
Edson Keith -	-		-		-		-		•		18941896*
SIMON J. McPHERSON	N.	-		-		-		-		-	1894-1899†
JOHN M. CLARK -	-		-		-		-		-		1894—
GEORGE A. ARMOUR		-				-		-		-	1894—1899†
FRANK S. JOHNSON											1896—
PETER STENGER GRO	SS	CU	Р	-		-		-		-	1897—
ARTHUR J. CATON	-		-		-		-		-		1900-1904*
MARVIN HUGHITT -		-		-		-		-		-	1900
THOMAS D. JONES	-		-		-		-		-		1900—
JOHN J. MITCHELL -		-		-		-				-	1900—
LEONARD A. BUSBY	٠.		-		-		-		-		1901—
ROBERT FORSYTH		-		-				-		-	1905
CHAUNCEY KEEP	-		-		-		-		-		1906—
FREDERICK H. RAWS	SON			-		-		-		-	1908-
Albert A. Sprague	П		-		-		-		-		1914—
WALTER B. SMITH -		~		-		-		-		-	1914—
*Deceased											+Resigned

### OFFICERS, 1895-1915

### Presidents

NORMAN WILLIAMS -	-		-		-		-	1895-1899
HUNTINGTON W. JACKSON		~		-		-		1900-1901
PETER STENGER GROSSCUP	-		-		-		-	1901-1913
MARVIN HUGHITT		-		-		-		1914
First Vice	e-F	re	sia	len	ts			
EDWARD G. MASON		-		-		-		1895
HUNTINGTON W. JACKSON								1896-1900
PETER STENGER GROSSCUP		-		-		-		1900-1901
HENRY W. BISHOP -	-		-		-		-	1901-1910
Thomas D. Jones		-		-		-		1911—
Second Vi	ce-	$P_{i}$	esi	ide	nts	S		
MARSHALL FIELD	-		-		-		-	1895-1899
Peter Stenger Grosscup		-		-		-		1899-1900
HENRY W. BISHOP -	-		-		-		-	1900-1901
THOMAS D. JONES		-		-		-		1901-1911
ROBERT FORSYTH	-		-		-		-	1911—
Secr	ret	ari	es					
George A. Armour -		-		-		-		1895-1900
GEORGE A. ARMOUR - ARTHUR J. CATON -	-		-		-		-	1900-1904
LEONARD A. BUSBY		-		-		-		1905-1915
WALTER B. SMITH -								
Tree	asi	ire	r					
WILLIAM J. LOUDERBACK								1805-
WILLIAM J. LOUDERBACK			-		-		-	1095—
Libi	ras	ria	12					
CLEMENT W. ANDREWS -		-		-		-		1895—

### LIBRARY STAFF, 1915

Librarian		CLEMENT W. ANDREWS
Librarian Assistant Librarian		CHARLES J. BARR
Reference Librarian -		EDWARD D. TWEEDELL
Reference Librarian - Cataloguer		AKSEL G. S. JOSEPHSON
Classifier		J. CHRISTIAN BAY
Medical Reference Librarian		I. CHRISTIAN BAY*
Medical Reference Librarian Assistant Reference Librarian	n	D. Ashley Hooker
Assistant Cataloguer		MARY E. HAWLEY
Assistant Cataloguer Assistant Cataloguer -		GERTRUDE FORSTALL
Assistant Classifier		GRACE KELLEY*
Treasurer's Assistant -		Bruno C. Wilke
Supt. of Delivery		WILLIAM TEAL
	Senior Assistants	
Editha C. Phelps	senior Assisianis	Margaret Furness
SARAH S. DICKINSON		Alpha L. Owens
CHARLOTTE H. FOYE		Elsa Neiglick
ELIZABETH MONTROSS		MABEL HAYWARD
JENNIE A. HULCE		MABEL EAMAN ETHEL M. WIGHT
WILLIAM A. BRENNAN		
GENEVIEVE DARLINGTON		HARRIET E. PENFIELD*
J.	Junior Assistants	
Cornelia C. White		Margery C. Cooper
Mary B. Hibbard		Mary L. Reider
Alberta M. Whidden		ELIZABETH E. WILSON
Helen D. Brown		MILTON A. BROWN
A. Frederic Gronberg		Elsebeth Martens
J	онх А. Krauth	
	Attendants	
Lucy A. Curtis		Guido V. Mariotti
RUTH BORCH		ALPHONSE COMYN
D. J. Porto		BENJAMIN JAFFE
Noah Fox		WALTER THIELE
Carlyle Peek		MEYER RICHMAN
CARLYLE PEEK		MEYER RICHMAN
	Pages	
George Fleck		John Kolenburg
PETER KRUMMICK		John Pratt
	IRWIN STEPEK	
	Janitor	
T.	VILLIAM J. JONES	
	Assistant Janitors	27
August Carlson		NICHOLAS MEYER
* Provisional		

### REPORT OF THE PRESIDENT

To the Governor of Illinois:

In accordance with the provisions of an act entitled "An Act to encourage and promote the establishment of free public libraries in cities, villages, and towns of this state," approved June 17, 1891, under which this corporation is organized, the Directors of The John Crerar Library submit their twentieth annual report for the year 1914.

By the death of Eliphalet W. Blatchford, on January 25th, the Board has lost another of the members named by Mr. Crerar. The vacancy caused by the death of Mr. Bishop in 1913, was filled by the election, on January 15th, of Albert A. Sprague II, and that caused by the death of Mr. Blatchford by the election, on November 5th, of Walter B. Smith. Both these elections have been approved by the Chief Justice of the Supreme Court of Illinois so that the Board is now composed of the following persons: Robert T. Lincoln, John M. Clark, Frank S. Johnson, Peter Stenger Grosscup, Marvin Hughitt, Thomas D. Jones, John J. Mitchell, Leonard A. Busby, Robert Forsyth, Chauncey Keep, Frederick H. Rawson, Albert A. Sprague II, and Walter B. Smith, together with Carter H. Harrison, Mayor of Chicago, and Michael Zimmer, Comptroller of Chicago, ex-officio members.

The officers of the Library are as follows: President, Marvin Hughitt; First Vice-President, Thomas D. Jones; Second Vice-President, Robert Forsyth; Secretary, Leonard A. Busby; Treasurer, William J. Louderback; Librarian, Clement W. Andrews.

Messrs. Holabird and Roche have prepared sketch floor plans for the utilization of a portion of the site recently acquired, which have obtained the approval of the Committee on Buildings and Grounds. For several reasons, however, the Board has decided not to begin construction before May, 1917. This delay will give an opportunity for the further study of the plans. Meanwhile a lease, to April 30, 1918, of the present quarters and some

additional space on the seventh floor of the building, has been secured.

The effects of the European war have been felt by the Library in several ways, notably in the supply of foreign books and periodicals. Notwithstanding this the collections have been increased by 15,089 volumes and 7,000 pamphlets and now contain 337,138 volumes, 8,625 maps and plates; and some 112,000 pamphlets. It receives currently 3,606 periodicals and 12,263 other serial publications. The total use was about 585,000 books and periodicals and the recorded attendance was 160,380. For further details reference is made to the appended report of the Librarian.

The report of the Treasurer, also appended, presents a statement of the income and expenditure for the year 1914, together with a statement of the assets and investments, as required by law.

Respectfully submitted,

MARVIN HUGHITT,

President.

CHICAGO, January 21, 1915.

### REPORT OF THE TREASURER

### · STATEMENT OF FINANCES FOR YEAR 1914

### CASH

Cash on hand January 1, 1914:  In bank \$ 22,892.62  Librarian, petty cash 209.76	\$ 23,102.38
RECEIPTS	
Collections account income \$226,444.53 Accounts Receivable 14,855.00 Huntington W. Jackson Fund, income - 40.00 Henry Gradle Memorial Fund, income Bills Collectable 9,428.88 Investments: Farm Mortgage Loans 60,200.00	311,118.41
DISBURSEMENTS  Audited Vouchers \$172,297.23  Notes Payable 120,000.00  Interest 2,427.04	\$334,220.79 204,724.27
Cash on hand December 31, 1914:  In bank \$ 39,302.70  Librarian, petty cash 193.82	

### OPERATION

IN	~	$\sim$	R.	¢	To
LINI		u	uv	ъ.	r.

General:  Bonds	\$105,397.57 42,419.00 49,843.80 12,663.11 16,625.00 313.62	\$227,262.10	
Huntington W. Jackson Fund		40.00	
Henry Gradle Memorial Fund -		242.86	\$227,544.96
Less Interest on Notes			2,427.04
•			\$225,117.92
	XPENSE		
Administration:			
	\$ 35,988.93		
Salaries, Wages	62,325.30		
Supplies \$ 2,387.35			
Less Sales 131.20	2,256.15		
Printing 5,543.61 Less Sales 299.89	5,243.72		
Transportation, Postage Insurance on Books,	1,694.33		
Furniture, Fixtures, etc	3,331.72		
Sundries	2,235.90	\$113,076.05	
Books: Books \$20,990.17			
	\$ 20,641.75		
Periodicals	9,508.71		
Binding	11,506.97		
Lettering, Repairs	1,479.01	\$ 43,136.44	
Buildings and Grounds: Repairs	\$ 821.49		
Depreciation	2,826.90	*	
Insurance on Buildings	2,116.61		
Taxes, 1914 (estimated)	10,395.85		
Sundry Expenses	860.46	\$ 17,021.31	\$173,233.80
Surplus for year 1914			\$ 51,884.12

### ASSETS AND LIABILITIES

### ASSETS

Bonds \$2,410,208.05	
Stocks 582,373.05	
Real Estate 1,080,000.00	
Mortgage Loans 475,000.00	
Farm Mortgage Loans 199,555.00	
Book Investment 511,256.41	
Furniture and Fixtures 25,442.17	
Unexpired Insurance 3,411.02	
Bills Collectable 86.68	
Medical Library Purchase Suspense 7,000.00	
Cash 39,496.52	
Total	\$5,333,828.90

L	ΕA	Bl	LI	TI	ES

Endowment Fund -	-	~	-	-	-		\$3,500,000.00
Building Fund -	-	-	-	-	-	-	1,134,506.90
Book Fund	-	-	-	-	-		511,256.41
Security Reserve Fund	-	-	-	-	-	-	168,819.91
Huntington W. Jackson	Fund	-	-	-	, -		1.000.00
Henry Gradle Memorial	Fund	l	-	-	-	~	3,000.00
Book Purchase Reserve	-	-	-	-	-		4,947.41
Reserve for Taxes -	-	-	_	-	-	-	10,278.27
Accounts Payable -	-	-	-	-	-		20.00
Total	_	_	_	_	_		

\$5,333,828.90

In accordance with the instructions of the Board of Directors, the Building Fund has been increased by the amount of the surplus for the year, \$51,884.12, less the balance of \$2,591.11, from the appropriation for books carried to the Book Purchase Reserve and the ninth annual charge of \$7,000 against the Medical Library Purchase Suppense Account, making a total to the credit of the Building Fund of \$1,134,506.90.

The Book Fund has been increased by the amount of the investment during the year, less depreciation, and now stands at \$511,256.41.

The income of the Huntington W. Jackson Fund and the Henry Gradle Memorial Fund has been expended for books.

Insurance is in force covering the property of the Library in amounts as follows:

Books -	-	-	-	-	-	-	-	\$410,000.00
Furniture,	Fixtu	res, 1	Etc.	-	-	-	-	26,000.00
Portraits	-	-	-	-	-	-	-	6,000.00
Type and C	Cases	-	-	-	-	-		5,000.00
Buildings	-	-	-	-	-	-	-	195,000.00
Boilers -	-	-	-	-	-	-	-	20,000.00
Plate Glass	(by p	orem	ium	only)	-	-	-	
								\$662,000.00

WM. J. LOUDERBACK,

Treasurer.

CHICAGO, January 21, 1915.

To the Board of Directors of The John Crerar Library:

Dear Sirs:—We have audited the books and accounts of The John Crerar Library, for the year ending December 31, 1914; we have examined and priced all securities, other than farm mortgages, which we found to have an aggregate market value exceeding the book value; and have verified the cash on hand and in banks.

We accordingly certify that, in our opinion, the attached statements truly exhibit the cash receipts and disbursements and the operating income for the said year, and the assets and liabilities at its close.

THE AUDIT COMPANY OF NEW YORK,

HOWARD KROEHL, Western Manager.

CHICAGO, January 29, 1915.

### REPORT OF THE LIBRARIAN

To the Board of Directors of The John Crerar Library: Gentlemen:—The work of a modern library has so many relations with the outside world that any event of importance is almost certain to affect it. This could not fail to be so in the case of such a catastrophe as the present war in Europe, and the following report shows some of its many effects upon the routine of the Library. Most of them, of course, have been hindrances, and it is pleasant to be able to record that notwithstanding these hindrances the Library has served more people and these more abundantly than ever before, has made fairly large additions to its collections, and has accomplished much more than the usual amount of routine work.

Rooms. The decision of the Board not to begin construction of the permanent building before 1917 has made it necessary to obtain the additional space required to shelve about 40,000 volumes and even more urgently to provide in some degree for the steadily increasing use of the Library. This was done by taking about 1,160 sq. ft. on the seventh floor of the building. One-half of this became available in 1914 and has made possible a rearrangement of the staff quarters which not only gives convenient and economical space for storage of books but also relieves four members of the staff from the discomforts of poor light and ventilation. The janitors. however, suffer by the change, for they have been given the old Receiving Room, which now has only artificial light, while their old room and that of the gilder have been thrown together to make a new Receiving Room. The gilder has been given a part of the new space and the Cataloguer and an assistant occupy another part.

The members of the staff are now scattered on three floors and in different corners of the building. The loss of time in communicating with each other became so serious that an interphone system has been installed.

Department of Medical Sciences. The provisional arrangement noted in the last report by which the Classifier has been placed in charge has worked as well as could have been expected

and will be continued for the present. It is not ideal, for it requires extra exertions from all concerned, and yet it seems preferable to the alternatives which so far have offered. That it does work so well is greatly to the credit of the staff.

**Special Collections.** From the income of its special fund seven titles have been added to the Huntington W. Jackson Collection on Constitutional Law, which now contains 759 titles, of which 87 have been purchased from the fund.

The Senn Collection on the Medical Sciences is still in process of adjustment.

The Gradle Collection on the Eye and Ear has been adjusted. The accumulated income has been spent for periodicals and 55 volumes have been added to the 200 already having the bookplate. The total number of volumes in the collection is about 1,400. The annual income of the fund will provide for all the periodicals on the subject now received and for a considerable and very welcome addition to this number.

All of the books in the Chanute Collection on Aviation have been reclassified and catalogued and about two-thirds of the pamphlets and clippings. There are 478 titles of books in the collection and some 2,000 pamphlets and 2,000 clippings.

Attendance. The total number of visitors recorded during the year was 160,380 and the daily average was 513, an increase of 1.5 per cent over the figures of 1913, which were 157,893 and 505 respectively.

The average evening attendance, 97, was 6 more than in 1913. The average attendance on the five general holidays, 169, was 13 more than in 1913. The smallest attendance of the year was 134, on December 25th, and the largest was 987, on January 10th. The figures for 1913 were 83 and 998 respectively.

For the first time since 1910 a record was made of the attendance in the Senn Room, for the second week in December. The average was 126 a day as against 89 for the same week in 1910. The increase is 42 per cent, while the increase in the total attendance for the same period was only 15 per cent. The evening attendance bears practically the same proportion to the day as in the main Reading Room.

Use. The recorded use of periodicals shows a decided increase over the last two years, rising from 17,693 in 1913 to 18,765 in 1914.

While this is less than for 1908 to 1911 yet any increase under present conditions is remarkable. Not only are the seats at the tables more often occupied by readers of books but a considerable number of periodicals have been removed from the alcove and placed directly on the shelves, so that even the current numbers are drawn from the stacks. Moreover since August the supply of all foreign periodicals has been most irregular and from France almost entirely lacking.

The decrease in the admissions to the stacks from 3,466 in 1913 to 2,472 in 1914 is attributed chiefly to the cessation of two special lines of work which together employed some six persons nearly every day. This is indicated by the fact that two-thirds of the decrease was in the use of passes. Of the 2,472 admissions recorded, 1,686 were by registration and 786 on presentation of 29 passes. Two-additional passes have been granted and two have been canceled, leaving 100 nominally in force.

This decrease in admissions to the stack, therefore, can not have contributed largely, if at all, to an increase in the calls for books from the stacks. The placing of some current periodicals on the regular shelves undoubtedly has done so, but this can account for only a small part of the recorded increase from 156,314 in 1913 to 176,368 in 1914. Using the same factor as in previous years the total use of the Library may be estimated at 585,000 books and periodicals.

A detailed classification of the call slips for books and periodicals and of admissions to the stack is given in the second table of library statistics. The following table gives a comparison of the totals and percentages for each department with the corresponding figures for 1013:

5	ilgures for 1913:	RECORDED USE				ADMISSIONS TO THE STACK				
		1	914 Percent-	I	913 Percent	- 19:	14 Percent-	191	13 Percent-	
		Total	age	Total		Total		Total	age	
	Unclassified			1,183						
	General Works3	3,020	17	29,974	17	77	3	109	3	
	Social Sciences4		21	37,873	22	321	13	290	9	
	Physical Sciences 20	0,273	ΙI	16,328	10	380	15	378	ΙI	
	Natural Sciences 12	2,546	7	10,351	6	226	9	253	7	
	Medical Sciences2	5,892	13	17,460	10	444	18	767	22	
	Applied Sciences 60	0,426	31	60,838	35	1,024	42	1,669	48	

It will be seen that the calls in the Applied Sciences were fewer than for 1913. This is the first time that this has happened for any department as a whole. On the other hand the calls in the Medical Sciences have increased much more than proportionally.

An examination of the records for special subjects discovers few changes of any significance; the loss in the Applied Sciences is distributed over six of the twelve subjects without a large proportion in any, and six subjects in other departments show slight decreases. On the other hand botany and encyclopedias show increases of one-half and exhibitions and landscape gardening have doubled. The six leading subjects are: medicine, engineering, political economy, physics, trade and transportation, chemical technology. The only change from the year before is the dropping of trade and transportation from third to fifth place.

The loans for use outside the Library again have increased noticeably. There were granted 411 requests for 620 volumes from 86 libraries and 666 requests from 234 individuals. Two requests from libraries were refused. In 1913 the loans were 661 and the refusals three. In twelve cases the books loaned were asked for while out. Nearly all the loans to individuals are for very short periods, chiefly over night or over Sunday. The loans asked by the Library for its readers were 41 for 55 volumes from 5 libraries. All were granted.

The calls for assistance by telephone were 893, and the requests for information by letter were 151. The figures for 1913 were 721 and 144, respectively.

The orders for cameragrams were 110, requiring 1,471 sheets, for which charges amounting to \$164.85 were made. For 1913 the figures were 86 orders, 1,226 sheets, \$135.75 charges.

The time required to fill calls has been determined in the same way as for the previous year. The average time was 4.32 minutes, as against 3.84 in 1913. The increase is greatly to be regretted for it indicates a serious impairment of the efficiency of the Library's service to the public. It is due partly to the larger number of calls to be filled, partly to an unusual number of changes in the attendants and pages, and partly to the insufficiency and unreliability of the mechanical equipment.

The record of the causes of failures to supply books called for, which should have been supplied, is as follows: at bindery, 484; otherwise unavailable temporarily, mostly burned or stolen and not yet replaced, 69; in use by another reader, 700; withdrawn from general circulation, 32; not found on shelves, 734; errors of library assistants or records, 91; total, 2,110. The total is 1.19 per cent

of all the call slips presented. Excluding the first four causes as unavoidable, the avoidable failures were 0.46 per cent. For 1913 they were 0.43.

**Publications.** In May the Library issued its *Nineteenth Annual Report*, a pamphlet of 74 pages. An edition of 5,500 copies was printed and distributed. It contained beside the usual matter a portrait of the late Henry W. Bishop and the Resolution adopted by the Board.

The first portion of the List of Histories of Industries has been sent to the printer.

The numbers of the various publications remaining in stock are given in the following table, which shows their distribution during the year:

ing the year.					TRIBUT.	
		77 11.1	On hand	Exchange	0.1	On hand
TITLE	Date	Edition	Dec. 31	or Gift	Sale	Jan. 1
Current Periodicals	I Q02	1,000	122	8	2	112
Bibliographies of Special						
Subjects	1902	966	16	2		14
Books on Industrial Arts	1904	980	26	6	2	18
Bibliography of Union Lists	1906	317	135	6	1	128
Books Exhibited	1907	2,000	925	17		9 <b>0</b> 8
Books in Reading Room	1909	956	223	6	2	215
Current Medical Periodicals	1910	1,000	6 <b>2</b>	I		61
History of Science	1911	1,000	287	20	2	265
Current Medical Periodicals		1,038	<b>32</b> 6	20	23	283
Handbook	1913	1,038	338	109		229

Printed Cards. The distribution of one copy of each catalogue card to the Armour Institute of Technology, Chicago Public Library, Field Museum of Natural History, Library of Congress, Northwestern University, University of Chicago, and the University of Illinois, has been continued; also the sending of one copy of each card printed by the Library to Columbia University, Harvard University, New York State Library, Princeton University, Royal Library at The Hague, St. Louis Public Library, University of California, University of Michigan, and Yale University. Six partial orders were received. The distribution amounted to 203,957 cards, of which 85,645 were sent to the depository libraries, 1,821 sent as gifts, and 116,491 sold or sent in exchange.

From the Library of Congress there have been received 34,625 cards, of which 3,485 were reprints, making a total of 599,531; from Harvard University 7,707; from the Royal Library of Berlin 21,135; from the Royal Library at The Hague 4,699; from the University of Illinois 6,377, of which 39 were reprints; and from the

University of Chicago, 1,866; making a total of 714,545 for the Union Catalogue.

Selection and Ordering. The selection of new titles is nearly up to date and the revision of the older ones is nearly completed. It may be of interest to note here what the first statement means. There are read regularly by the Librarian thirteen monthly, weekly, or daily lists, counting the fourteen lists from the Library of Congress as one. The many special lists and booksellers' and auction catalogues are not included. contain approximately 160,000 entries of perhaps 100,000 titles. Of the entries, about 60,000 are marked for consideration and divided into those to be purchased at once, those to await further consideration or information, those not to be purchased, those for serials or parts of serials to be checked against standing orders, etc. Of the 60,000 about 20,000 are marked to be ordered, but these are reduced by the elimination of duplicates, of books bought on inspection, and those received as gifts, to about 12,000. This is the number of orders which should be given each year if the Library is to receive promptly all the apparently desirable new material in its lines.

Unfortunately it has not been possible to give this number of orders in most years and it consequently becomes necessary to revise the lists as each subject is taken up in its turn. The bad effect of these accumulations has been intensified by the war, which has cut off entirely the supply of French works and has greatly lessened the receipt of German and others, especially of those sent on inspection. Indeed for three months no orders were given except for American and English works, while there are outstanding July orders to the amount of nearly \$1,000 (one sixth of all outstanding), and all orders on one agent in Paris, amounting to fully \$1,000, had to be canceled. It will be seen that the new system has again failed to obtain a fair trial, yet the first series of orders has been given for all subjects and the second series has made progress in the Natural Sciences.

During the year 8,142 orders were given. Of these 886 failed or were canceled, leaving 7,276 valid orders, covering, with the standing orders for continuations, 12,050 volumes at an estimated cost of \$24,389; 7,040 orders were filled, covering 12,615 volumes at a cost of \$20,642. There are left outstanding, in addition to

the orders for continuations, 2,707 orders, at an estimated cost of \$6,009; of these 848 were given before January 1, 1914. The distribution of the orders of the year, of the total to the end of 1914, and the estimated cost, to the nearest dollar, are given in the second table of library statistics. The unclassified orders were to replace volumes burned or were purchases by Dr. Lichtenstein in South America; the greater part of the latter are still in Cambridge and Montevideo and are not included in the table, though their cost is.

Accessions. The total accessions of volumes for 1914 have been 16,300, of which 3,685 have been received as gifts and 12,615 obtained by purchase. Volumes made by binding serials are included in these figures. There have been withdrawn 1,211 volumes, leaving the net accessions for the year 15,089, which, with the 322,049 reported for 1913, make a total now on the books of 337,138. There remain to be entered only the Laufer purchase, about 14,000 volumes, and less than 2,000 volumes of the Gerritsen purchase. These have their own catalogues, and particular books can be obtained when asked for, so that the total number of volumes available is about 353,000.

The accessions of maps and plates for 1914 were 4,824, and the total entries are 8,625. Nearly all were from the Levasseur collection. About 850 additional have been prepared for entry and many more remain to be treated. Provision for this work, and for the new cases required to hold this valuable collection, has been made in the appropriations asked for.

Few pamphlets have been obtained by purchase, but the number received as gifts was 13,196. Author slips for 3,539 titles were filed in the official catalogue, and the classified collection has been increased by 8,493 pamphlets. The last number includes the preceding, but these two have no necessary connection with the first. Many of the pamphlets received are duplicates, and many more are continuations, or for various reasons are put elsewhere than in the pamphlet collection. On the other hand, many pamphlets already in the Library have been classified and entered in the official catalogue. Of the 8,493 net accessions to the classified collection, 768 were from the Gerritsen purchase, 159 from the Senn Collection, and 575 from other accumulations, leaving some 6,991 as the new accessions of the year. The total in the

Library is approximately 112,200. Their classification is shown in the second table of library statistics.

The following table shows the distribution of the net accessions for 1914 and of the totals entered, by departments, together with the percentages of the classified volumes:

DEPARTMENT	Volumes	1914 Per cent	Pamphlets	Volumes	TOTAL Per cent	Pamphlets
Unclassified	603			16,957		30,600
General Works	1,843	13	1,211	45,248	14	12,879
Social Sciences	4,416	31	2,679	84,900	27	26,574
Physical Sciences	1,056	7	1,365	27,578	9	4,235
Natural Sciences	1,493	10	159	32,411	10	3,165
Medical Sciences	1,927	13	1,814	64,826	20	23,842
Applied Sciences	3,751	<b>2</b> 6	1,265	65,218	20	10,907
Total	15,089		8,493	337,138		112,211

The new method of ordering will always produce temporary irregularities in the growth of the Library, so that it is a more exact test of the proportionate growth to compare the present percentages of the total number of volumes with those of five years ago. Such a comparison shows that General Works have lost one point, Social Sciences gained three, Physical Sciences remained the same, Natural Sciences lost one, Medical Sciences lost one, and Applied Sciences remained the same.

The periodicals currently received are 3,606, of which 915 are received as gifts and 2,601 obtained by subscription at an estimated cost of \$10,355. Actually, however, the expenditure was only \$9,508.71 because of the interruptions of the service and the suspensions of publication caused by the war. Indeed, its effects were felt first in the Periodical Alcove. Consignments of books continued to come throughout August, having been started before the first of the month, but the periodicals ceased almost at once. The English were received again early in September, the German early in November, but only a very few of the French have come at all. It is understood, moreover, that many scientific periodicals will suspend publication during the war, but no authoritative statements can be obtained. All subscriptions should be renewed in order to avoid as far as possible bad breaks in the sets, but it is certain that many such will occur and require to be filled by purchase afterwards. Because of these conditions the Board has been asked to increase the appropriation for 1915 and to provide that the unexpended balance shall be added to the Book Purchase Reserve.

The assistant in charge of the Continuation Record reports 921 titles added to the list and 314 withdrawn, leaving 12,263 at the end of the year. About 5,243 are obtained by subscription at a cost in 1914 of \$4,705.26. These furnished 1,301 volumes entered on the record of accessions. The other continuations were received as gifts or in exchange, and furnished 1,600 volumes. For the gifts 1,300 first and 123 second requests were sent and 27 reported to the Librarian for personal letters. For the purchases 185 first and 10 second notifications were sent and 13 reported to the Librarian. Here again the effects of the war are very noticeable and will be still more so next year. The expenditure, notwithstanding the increase of 360 in the number obtained by purchase was less than in 1913 by \$1,300 and the number of volumes bound fewer by 330. In part this is due to the non-receipt of issues but probably more to the postponement of publication.

It is not yet possible to estimate the results of Dr. Lichtenstein's tour of South America. The most important of his purchases have been collections bought on joint account and these are still in Cambridge or on the way there. The final distribution cannot take place until after Dr. Lichtenstein's return. Some smaller purchases have been sent to Chicago, and from these there have been entered 614 volumes and 216 pamphlets, some of which are of great interest.

A small but interesting collection of material distributed at the International Exhibition of the Book Industry at Leipzig was made for the Library by Mr. S. Mortensen, then of Christiania. The larger portion was pamphlet material illustrating the graphic arts but some 25 volumes were included in the accessions of the year.

Other important purchases of the year were a set of the proceedings of the Board of Arbitration in the controversy between the Eastern railways and the Brotherhoods, Silva's *Diccionario bibliographico Portuguez*, a collection in 187 volumes of papers bearing on important patent cases, a collection of 400 items on rapid transit in Boston, a large collection of British documents on education, and smaller collections of the public documents of Venezuela and Tennessee.

Several sets of periodicals have been purchased, among which may be mentioned: Annalen der Oenologie, Annales des travaux publics de Belgique, the annual volume of the Institute of Marine

Engineers, Annuario del R. Istituto botanico di Roma, Independent, Metaphysical magazine, Tidsskrift for nordisk retsmedicin og psykiatri.

The number of donors and the gifts were about the same as in the last few years. There were received 6,962 volumes and 13,196 pamphlets from 2,903 donors. The volumes entered in the accession record were 3,685. The figures for 1913 were 6,384 volumes, 14,800 pamphlets, 2,514 donors, and 3,422 entries.

The Cuban Government very kindly sent a collection of its documents, and the New York State Library a large consignment of New York documents. The Geological Survey of Tasmania sent a set of its publications and has placed the Library on its mailing list. Several collections of medical works were received from physicians of the city, notably, Drs. Nelson, Schirmer, and Stanton, and from the American Medical Association. Other noteworthy gifts were 86 volumes and 2,328 pamphlets on technical subjects from Dr. H. E. Horton, including some unique manuscript and record material; 777 volumes of college publications from Northwestern University; and 100 volumes from Lewis Institute.

**Duplicates.** The sales of the year amounted to 245 volumes and 2 pamphlets for \$334.10. On priced exchange, 43 bound volumes, 6 unbound volumes, 11 pamphlets, and 14 numbers, valued at \$24.80, have been sent; 70 bound volumes, 16 unbound volumes, 51 pamphlets, and 182 numbers, valued at \$179.33, have been received. On piece exchange, 4 bound volumes, 18 unbound volumes, and 32 numbers have been sent; 62 bound volumes, 41 unbound volumes, 300 pamphlets, and 27 numbers have been received. One pamphlet was sent as a gift.

The only important sale was that of 242 bound volumes of architectural periodicals for \$331 to the Art Institute of Chicago in accordance with the decision of the Board not to collect material of interest chiefly to architects.

Inventory. The seventh inventory has been completed. Shelf numbers 300 to 399 were read, 213 serious misplacements corrected, 64 volumes not found, but 28 previously reported missing were found, so that the net loss from these shelves was 36 out of 85,000 or 4 in 10,000. From the delivery desk six were lost and two found, from the main Reading Room nine were lost and from the Senn Room, twenty, making the net loss for the year 69. The

total loss for the inventory is 166 out of 337,000 or 5 in 10,000 and the total for 18 years is 371, or 11 in 10,000. While the number of losses from the Reading Rooms is the same as in 1913, the mutilations are many more, being 33, of which only 12 have been replaced. One offender was detected. The theft and mutilation of periodicals also have increased; 100 numbers have been taken and 66 mutilated, as against 50 and 30 in 1913; 24 have still to be replaced.

Binding. On January 1st, 1914, there were at the binderies 620 volumes, and 11,809 were sent during the year; 11 were returned as incomplete, and 11,732 bound; leaving 686 at the binderies December 31st, 1914. About one-quarter were bound by The Newberry Library. The cost of binding was \$11,507, an average of \$0.98 per volume. There appear to be several reasons for the average cost being so much lower than ever before. One is the increasing use of cloth bindings instead of leather, but probably the chief one is the larger proportion of small books, due partly to the work on the Gerritsen purchase and partly to the decrease in books containing plates from the continuations and periodicals. The cost of shelf-marking the accessions of the year, together with a considerable amount of repairing, inserting book-plates, and similar work, was \$1,479.

The Cataloguer reports that during the year Catalogues. 6,474 new titles have been prepared for print; 107 new titles typewritten; 57 titles prepared for print to replace old typewritten titles, and 15 to replace Library of Congress titles; 4,734 titles received from the Library of Congress and 180 from other libraries have been classified for the catalogues; 480 titles have been prepared for the co-operative analysis of serials. The total number of titles treated by the Cataloguer and Classifier and their assistants has been 13,820, an increase of 1,144 over 1913, and the largest number treated in any one year. The titles reprinted in correction of errors were 120 and for other alterations 1,008. Cards for 6,155 new titles and 1,063 reprinted titles were received from the printer; electrotypes for 948 new titles and 596 reprinted titles from the electrotypers. The total number of separate titles prepared for print to date is 99,500; of sets of cards received, 98,163; of electrotypes, 60,884.

The number of orders sent to the Library of Congress on triplicate order sheets was 7,756, and reports were received on 7,548,

leaving 208 outstanding. There were cards for 2,469 titles on hand January 1st, 1914; 5,760 were received during the year, and 9 were taken from the file of those previously withdrawn; cards for 5,129 were used, and for 595 withdrawn from the file, leaving those for 2,514 on hand December 31st. Of those withdrawn 536 titles were returned to the Library of Congress and 5 were replaced by reprinted cards. Of the 5,760 titles received, 696 were analytical titles from 328 serial publications. Of the 2,514 titles on hand, 503 are for book orders before 1914, 802 for those of 1914, 374 for regular standing orders, and 835 for two special analytical orders.

The work of the Library in the co-operative analysis of serials has been continued. It has supplied 480 titles and has received cards for 2,602. Of the titles received, 351 have been filed in the public card catalogues; one copy of 1,038 filed in the official catalogue; and 468 have been sold. A revision of the list of serials analyzed has been undertaken by the A. L. A. Publishing Board which it is hoped will not only make the publication again self-supporting, notwithstanding the increased cost of printing, but also will make the list more consistent in character and the work more generally useful to the subscribers. If these expectations are realized the coming year will see fewer titles printed but a much larger proportion of them placed in the public catalogues.

There have been added 28,772 cards to the classed catalogue, which now contains some 160,100 titles on 412,504 cards, an average of 2.58 cards per title; 19,714 cards have been filed in the author catalogue, which now contains the same 160,100 titles on 282,800 cards, an average of 1.77 cards per title and also 929 A. L. A. cards for 929 titles; 375 guides and 5,141 cards have been added to the subject index, which now contains 24,000 guides and 57,800 cards covering 137,544 titles, an average of 0.42 card per title.

The distribution of the cards in the classed catalogue, by departments, is shown in the following table:

	CAI	RDS
DEPARTMENT	1914	TOTAL
General Works	8,784	137,438
Social Sciences	7,752	104,742
Physical Sciences	2,062	29,113
Natural Sciences	2,339	46,765
Medical Sciences	3,576	30,771
Applied Sciences	4,259	63,675
Total	28,772	412,504

Of the 160,100 titles in the public catalogues about 97,000 are on cards printed by the Library, about 50,300 on Library of Congress cards, about 11,400 on A. L. A. co-operative cards, 280 on other printed cards, and about 1,100 are typewritten.

There have been added 11,311 cards to the index of government publications, making a total of 84,541 in this index. The index of analytical cards issued by the U. S. Bureau of Education has received 965 cards, and now contains 12,933 cards. It has been found that there is a considerable amount of duplication between these two indexes. By a change in the orders this duplication will be avoided in future and the indexes will be consolidated.

Thanks to hard work and better working conditions, the cataloguing staff have been able to make the record in the treatment of titles which has been noted above. Partly because of this and partly because of the diminution of foreign books received, the arrears of all kinds have been reduced noticeably. Most work has been done on the Gerritsen purchase and the Senn Collection, but the routine arrears and the older books in the Medical Sciences have not been neglected. The total number of shelves of arrears of all kinds has been reduced from 1,098 to 922, and 144 of these are the Orientalia, which cannot be treated by the regular staff.

Exhibitions and Meetings. The Library joined in the exhibit of American library methods formed by the American Library Association as part of the International Exhibition of the Book Industry and Graphic Arts held at Leipzig from May to October. According to all accounts this exhibition was by far the most interesting and instructive one on the subject ever gathered together. Notwithstanding the outbreak of the war it was kept open the full time planned and continued to draw crowds to the last, though naturally there were few foreigners after August 1st. The Library's contribution consisted of a set of its publications, copies of its forms, and a sample of its triple card catalogue; these were enough to show the peculiar character of the Library and something of its work.

The Library took part in the Medico-historical Loan Exhibit of the St. Louis Medical History Club and the Missouri Historical Society at St. Louis, December 3d to 24th. The time was a week longer than originally planned because of the general interest in the exhibition. Ten of the incunabula from the Senn

Collection were sent, and a card catalogue of all the very early medical literature in the Library; the incunabula were chosen with care to illustrate certain steps in medical history and proved to be a welcome addition.

The Library was represented officially by the Librarian and Cataloguer and unofficially by two other members of the staff at the annual meeting of the American Library Association at Washington, May 25th to 29th; officially by the Assistant Librarian at the annual meeting of the Illinois Library Association at Springfield, October 21st to 23d; and officially by the Librarian or Cataloguer at the regular meetings of the Council for Library and Museum Extension.

Staff. The return of the Reference Librarian, Mr. E. D. Tweedell, with his health apparently fully restored, has been the most important change in the staff, and one most welcome to readers, the administration, and his colleagues. It is with very different feelings that record is made of the death, on September 3d, of Mr. Henry Bahnsen, junior assistant. Mr. Bahnsen served the Library faithfully and satisfactorily for nearly nine years, having entered the service as page in November, 1906. His death is sincerely regretted and yet we must be thankful that it is only the second that has occurred among those at the time in the service of the Library in the twenty years that it has been established.

Mr. R. J. Usher, who served most acceptably as Reference Librarian during Mr. Tweedell's absence, and afterwards gave the Library temporary special service, has taken a position in the University of California Library.

The following persons have resigned: Miss E. W. Graves and Mr. E. A. Freeman, junior assistants; Messrs. M. Deitenbeck, A. N. Jacobson, and Wm. Jaffe, attendants; Henry Everaert, page; two pages have been dismissed.

The following have been appointed: Miss Elizabeth E. Wilson and Messrs. Milton A. Brown and John A. Krauth, junior assistants; Miss Elsebeth Martens, temporary junior assistant; Miss Ruth Borch and Messrs. Alphonse Comyn, Benjamin Jaffe, Guido V. Mariotti, D. J. Porto, Meyer Richman, and Walter Thiele, attendants; John Kolenburg, Peter Krummick, John Pratt, and Irwin Stepek, pages.

The following have given or are giving temporary service: Mr.

Robert J. Usher as Reference Librarian and as temporary Assistant Reference Librarian; Mr. J. Christian Bay as Medical Reference Librarian; Miss Grace Kelley as Assistant Classifier; Miss Harriet E. Penfield as senior assistant; Misses Florence E. Durkee, Beatrice Mulford, and Anna D. White and Mr. Vilhelm Slomann as junior assistants; Misses Ruby B. Lane and Ida M. Wallace and Mr. Wilbur E. Stone as attendants.

The improvement in physical surroundings has made it possible for the hard work of the staff to give results commensurate with the efforts and it is hoped that the Board will feel that the results are satisfactory and the work effective.

Respectfully submitted,

CLEMENT W. ANDREWS.

Librarian.

CHICAGO, January 21, 1915.

## LIBRARY STATISTICS: I

# RECORD OF ATTENDANCE AND USE FOR 1914

	JAN.	FRB.	MARCH APRIL MAY	APRIL	May	JUNE JULY AUGUST	July	AUGUST	SEPT.	Ост.	Nov.	DEC.	Тотац 1914	Toral 1913	IN- CREASE PER CT.
Visitors Daily Average	16,845	15,499	15,502	14,140	13,014	11,219	11,134	12,010	11,001	12,131	12,895	14,990	160,380	57,893	1.5
Calls for Books from Stack	16,379 607 2,074 77	15,367 640 1,505 63	16,815 647 1,749 67	14,860 572 1,502 58	15,461 595 1.420 55	11,579 445 1,593	11,952 443 1,167 43	12,324 474 1,329 51	12,389 477 1,372 53	15,172 562 1,695 63	15,619 625 1,627 65	18,451 683 1,732 64	176,368 564 18,765	156,314 500 17,693 57	12.8
Visitors' Admitted to Stack	241	219	219 183 177 179	177	621	208	241	191	161 184	230	222	227	227 2 472 3,466 *40.2	3,466	*40.2

Smallest attendance, 134 on Dec. 25th. Largest attendance, 987 on Jan. 10th. Smallest number of calls for books, 235 on Dec. 25th. Largest number, 1,269 on March 7th.

\*Decrease

### COMPARISON BY YEARS

	1914	160,380	567 18,890 23,996 32,193 39,606 50,264 59,561 67,386 113,565 104,435 108,662 107,006 124,819 139,386 142,262 156,314 176,368 50 61 77 103 127 161 190 216 363 334 346 343 399 447 453 500 564	13 8,013 8,667 9,741 12,250 13,264 15,178 15,472 14,722 17,449 20,980 20,261 19,990 19,707 17,784 17,693 18,765 20 60 67 65 64 63 57 57 60 60 60 60 60 60 60 60 60 60 60 60 60	2,472	337,138
-	1913 1914	157,893	156,314	17,693	656 1,017 1,019 1,046 1,167 1,193 1,608 1,681 1,590 1,944 2,671 2,437 2,430 2,460 4,018 3,466 2,472	322,049
	1903 1904 1905 1906 1907 1908 1909 1910 1911 1912	154,834	142,262	17,784	4,018	307,350
	1161	143,858	139,386	19,707	2,460	286,829
	1910	138,353	124,819	19,990	2,430	268,153
	1909	134,579	107,006	20,261	2,437	251,281
	1908	130,049	108,662 346	20,980	2,671	232,403
	1907	109,677	104,435	17,449	1,944	215,144
	9061	101,839	113,565	14,722	069'1	197,440
	1905	92,244	67,386 216	15,472	1,681	142,971
	1904	87,494	59,561 190	15,178	1,608	123,018
	1903	76,429	50,264	13,264	1,193	103,291
	2061 1061 0061 6681 8681	66,512	39,606 127	12,250	1,167	89,219
	1001	54,828	32,193	9,741	1,046	76,432
	1900	41,697	23,996	8,667	010,1	65,645
	1899	34,827	18,890	8,013	1,017	55,223
		30,516	15,367	7,213	9	43,061
	1897 9 MOS.	18,584	6,995 15,36	3,864 7,21	- 359	29,141
		Visitors 18,584 30,516 34,827 41,697 54,828 66,512 76,429 87,494 92,244 101,839 109,677 130,049 134,579 138,353 143,858 154,834 157,893 160,380 150,380 151,893 157,893 150,380 150,380 151,858 154,834 157,893 150,380 151,893 150,380 151,893 150,380 151,893 150,380 151,893 150,380 151,893 150,380 151,893 150,380 151,893 151,893 150,380 151,893	Calls for Books from Stack Daily Average	from Alcove	to Stack	Volumes in Library 29,141 43,061 55,223 65,645 76,432 89,219 103,291 123,018 142,971 197,440 215,144 232,403 251,281 268,153 286,829 307,350 322,049 337,138

# LIBRARY STATISTICS: II

						Acci	ACCESSIONS				c		
SUBJECTS		OR	URDERS		Vol	VOLUMES	PAMI	PAMPHLETS	LERIC	FERIODICALS	KEC	KECORDED (	OSE
	н	1914	Total	tal	1914	Total	1914	Total		1914		1914	
	Vol.	Est. Cost*	Vol.	Est. Cost*	No.	No.	No.	No.	No.	Cost*	Books	Period- icals	Stack
	1,212	\$ 5,675	57,292	\$ 65,717	603	16,957		30,609	1	t 1 1 5 1	1,606	1	1
o Miscellaneous	65	\$ 212	2,460	\$ 6,670	17	1,258	388	5.774	11	20	3.376	03	IO
1 Bibliography	113	476	4,776	12,822	307	6,841	133	1,541	132	412	1,445	172	1
2 Library Économy	<del>2</del> 6	9	1,872	1,963	165	2,817	162	1,135	9	47	999	1111	1
3 Cyclopedias	38	108	1,451	2,931	43	1,576	7	23	i t		372	1	2
4 Collected Works of Authors -	22	31	300	1,022	25	399	'n	6	1	-	348	1	t I
	137	138	3,515	4,336	250	6,284	124	898	115	314	4,129	4,013	71
6 General Societies	92	205	5,033	14,786	178	6,493	9	88	122	592	2,557	32	10
7 Exhibitions and Museums	15	500	1,510	1,858	44	1,630	-	380	တ္တိ	23	475	ic	7
10 Fnilosophy	2,7	601	4,0,7	2,903	50	2,133	25	210	10	43	505	60	1.5
13, 15 Fsychology	700	102	2,320	3,155	130	2,040	143	552	47	162	0,244	242	12
9	100	4 1	1,001	2,159	44	1,070	. 21	000	1	1	795	-	co ;
90 History and Geography	3/0	/54	6060	14,027	230	8,180	191	1,987	12	IO	5,899	1	34
91 Cartography	151	254	7,003	6,496	330	3,719	2	210	33	95	1,287	170	2
	1,163	\$ 2,611	41,038	\$ 75,817	1,843	45,248	1,211	12,879	286	\$ 1.395	28,098	4,922	77
II.—Social Sciences:													
- 1	. 27	\$ 28	1,319	091,1 \$	42	01,510	12	634	IO	10	1,844	20	2
20 Religion	9	24	703	926	32	928	251	1,398	6	I	1,018	17	I
30 General Works	93	091	4,258	4,893	179	3,983	135	716	<del>t</del> 9	147	4,700	315	41
31 Statistics	216	321	3,177	4,161	235	3,537	67	6%1	42	92	900	91	6
32 Folitical Science		215	3,250	4,103	300	5,007	101	1,837	61	25	2,198	67	٥
33 Folitical Economy	311	404	12,41/	12,450	827	15,040	511	0,751	194	354	0,040	1,225	162
25 Administration (and Public	43	130	166,1	0/0,4	103	3,013	47	070	14	07	1,109	1	-
Documents	207	112	10.870	11.802	1 062	24.281	2.4.4	2.441	88	222	F 084	142	12
36 Associations and Institutions.	102	160	3,410	3,536	281	6,353	251	2,514	36		3.003	134	10
37 Education	273	308	8,444	7,725	992	12,266	1	7,062	126	128	5,418	202	20
38 Commerce and Communica-		,											
;	111	154	2,977	3,755	337	5,443	222	1,366	89	89	2,161	579	55
39 Custom, Folklore, etc.	2	45	1,733	2,183	96	1,931	33	1,046	61	11	2,399	13	2
	1,605	\$ 2,437	54,555	\$ 60,822	4,416	84,900	2,679	26,574	718	\$1,147	38,640	2,730	321

\*To nearest dollar.

						ACCE	ACCESSIONS		Danie		O a C	Dagonary Ilea	1 41
SUBJECTS		0	ORDERS		VOL	VOLUMES	PAMP	PAMPHLETS	LEKIC	RECODICALS	NEC	CRURO	400
	I	1914	T	Total	1914	Total	1914	Total	I	1914		1914	
III.—PHYSICAL SCIENCES:	Vol.	Est. Cost*	Vol.	Est. Cost*	No.	No.	No.	No.	No.	Cost*	Books	Period-	Stack
50 General Works	57	\$ 192		\$ 8,438	83	4.319	2	202	46	\$ 95	1,181	21	1 1 1
51 Mathematics	184	194				4,211	8	222	40	105	3,405	56	21
52 Astronomy	91	82	3,897			4,293	23	429	46	79	1,801	83	7
- 1	87	361				7,979	1,104	2,500	72	242	8,020	457	109
54 Chemistry and Mineralogy	307	381			325	6,776	176	882	20.	352	5,160	119	243
Warmen Screwore.	651	\$ 1,047	25,883	\$ 47,407	1,056	27,578	1,365	4,235	254	\$ 873	19,567	902	380
i i	819	\$ 1,130	6,418	4		7,130	40	1.117	901	\$ 267	2,851	13	20
56 Palæontology	54			3,566	18	777	2	85	∞	40	92		1 1
57 biology and Natural Sciences	000	0,0					6	00'	70.	7	0.00	90	1
48 Botany	250	0,00	5.626	18,818	278	5.032	2,7	400	100	230 330	3,012	28 7	/ W
59 Zodlogy	318	1,057				9,002	31	1,023	140	88	3,704	8	121
	1,522	4	(C)	4	1,493	32,411	159	3,165	544	\$2,101	12,418	128	226
V.—Medical Sciences	1,549	\$ 2,793		75,082 \$101,514	1,927	64,826	1,814	23,842	727	\$2,141	25,892	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	444
VI.—APPLIED SCIENCES:	124	12		4		7 450	20	913	83	241	2 307	1 742	386
62 Engineering	1,450	1,455	П	Q.	1,210	18,671	379	2,673	246	583	14,360	3,661	114
63 Agriculture	603	730	8,590			10,695	533	3,444	147	139	5,635	457	911
of Domestic Economy	202	17.				2,050		302	1.0	0 ;	1,030	1/1	2 6
66 Chemical Technology	218	1,120	0.5	10,400	20.00	7,040		944	77	254	6.574	657	226
67, 68 Manufactures and Trades.	261	400		4,976				647	62	114	3,696	605	32
	911	165		3,405	112			361	27	73	2,296	$53\overline{6}$	6
71 Landscape Gardening	8			1,293				354	9	13	439	207	
	7183			3,628				130	2 7	11	1,589	178	01
77 Photography	36	36	1,032	0,035 853 853	61	1,900	35.3	235	50 C	84	1,271	672	4 8 7 8
Total	4,348	\$ 24	33.5	66	3,751	33	1,265	10,907	3,606‡	\$1,666	50,147	10,279	1,024
*To nearest dollar. †Decrease; see page 22.	çe 22.	+++	915.							1			

### LIST OF DONORS IN 1914

Volume Pamph		Volumes Pamphle	
A. T. Still Research Institute,	iets.	Albany Medical Annals, Albany,	ets.
Chicago, Ill	2	N. Y	IO
Aarhus, Statsbiblioteket, Aarhus,	3	Albany Medical College, Albany,	10
Denmark	4	N. Y	6
Abbott, Grace, Chicago, Ill	Ĭ	Albany Society of Civil Engineers,	Ü
Abell, A. S., Company, Chicago, Ill.	1	Albany, N. Y	I
Aberdeen University, Aberdeen, Scot.	I	Albert G. Lane Technical High	
Abraham, I., St. Louis, Mo	1	School, Chicago, Ill	I
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Academia de Sciencias de Portugal,	-	monton, Alta	14
Lisbon, Portugal	I	Alberta, Dept. of Education, Ed-	
Academy of Science of St. Louis,		monton, Alta	2
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Actuarial Society of America, New		Alberta, Provincial Secretary, Edmonton, Alta	
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Adelaide, S. A	I	andria, Va	I
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York, N. Y	I	Montreal, Que	2
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N. Y	I	Allegheny Observatory, Allegheny,	
Aetna Powder Company, Chicago,		Pa	I
Ill	1	Alton, Board of Trade, Alton,	
Agricultural Research Institute,		<i>Ill</i>	I
Pusa, India	4 -	Aluminum Company of America,	
Alabama Agricultural Experiment			10
Station, Auburn, Ala	45	Amalgamated Association of Street	
Alabama, Dept. of Education,	_	and Electric Railway Em-	
Montgomery, Ala	I	ployees of America, Detroit,	
Alabama, Executive Dept., Mont-	_	Mich	1
gomery, Ala	I	Amalgamated Copper Company,	
Alabama, Geological Survey, Mont-		New York, N. Y	2
gomery, Ala	4	American Academy of Ophthal-	
Alabama Great Southern Railroad		mology and Oto-Laryngology,	
Company, New York, N. Y Alabama, State Board of Health,	I	Chicago, Ill	I
	•		
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Commissioner, Montgomery,		American Association for Study and Prevention of Infant Mortal-	
		ity, Baltimore, Md	т
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Alabama, State Tax Commission,	3	Boston, Mass	I
Montgomery, Ala	I	American Association of Genito-	
Alabama, Supt. of Banks, Mont-		Urinary Surgeons, New York,	
gomery, Ala	I	N. Y	I
Alaska, Governor, Juneau, Alaska.	ī	American Association of Obstet-	•
Alaska Packers Association, San	-	ricians and Gynecologists,	
Francisco, Cal	3	Cincinnati, O	I
Albany Chamber of Commerce,	J	American Association of Public	
Albany, N. Y	I	Accountants, New York, N. Y.	I
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Volumes Pamphle	or	Volume: Pamphi	s or
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for the Blind, Uniform Type		Albany, N. Y	3
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New York, N. Y.	I	American Institute of Consulting	2
American Bison Society, Groton,	_	Engineers, New York, N. Y	2
Mass	I	American Institute of Electrical	
American Boiler Manufacturers' Association of U. S. and Can-		Engineers, New York, N. Y American Institute of Mining En-	I
ada, $Cleveland$ , $O$	2	gineers, New York, N. Y	5
American Book Company, Chicago,		American Iron and Steel Institute,	
Ill	2	New York, N. Y	I
Chicago, Ill	6	Bureau of Statistics, Phila-	
American Burtonizing Company,		delphia, Pa American Journal of Gastro-En-	II
New York, N. Y	I	American Journal of Gastro-En-	
York, N. Y	I	terology, <i>Philadelphia</i> , <i>Pa</i>	I
American Car and Foundry Co.,		American Journal of Veterinary Medicine, Chicago, Ill	I
St. Louis, Mo	I	American Judicature Society,	
American Chemical Society, Chicago, Ill	1	American Judicature Society, Chicago, Ill	11
American Civic Association, Wash-		tion, New York, IV. Y	2
ington, D. C	2	American Leatner Chemists Asso-	
tion, Hot Springs, Va	1	ciation, Easton Pa American Library Institute, Chi-	4
American Farming Publishing Co.,		cago. Ill	2
Chicago, Ill.	I	American Locomotive Company,	
American Federation of Labor, Washington D. C.	4	New York, N. Y	3
Washington, D. C	7	Association, New York, N.	
Building Trades Dept., Wash-		Y	4
ington, D. C	I	Vorb N V	T
Metal Trades Dept. Wash-	-	American Medical Association,	•
ington, D. C	1	York, N. Y	282
Railroad Employees Dept		ciation, New York, N. Y	T
St Louis Mo	I	American Medico-Psychological	-
American Flag Association, New York, N. Y.		Association, Binghamton, N. Y.	2
American Food Journal, Chicago, Ill.	1 10	American Mining Congress, Wash-	2
American Forestry Association,	10	ington, D. C	~
American Forestry Association, Washington, D. C	I	Chicago, Ill	2
American Foundry Men's Association, Watchung, N. J	I	American Museum of Natural	2
American Gastro-Enterological	•	American Museum of Safety, New	
Association, Detroit, Mich	1	York, N. Y	6
American Geographical Society, New York, N. Y	I	Association, Denver, Colo	I
American Gynecological Society,	1	American National Red Cross	•
New York, N. Y	2	Association, Washington, D. C.	
American Hampshire Sheep Association, Coldwater, Mich	ī	American Ophthalmological Society, <i>Philadelphia</i> , <i>Pa</i>	ı
American Homoeopathic, Ophthal-	1	American Osteopathic Association,	
mological, Otological and Lar-		New York, N. Y	I
yngological Society, Worcester,	2	American Peace Society, Boston,	. 3
Mass American Hospital Association,	2	Mass	
Detroit. Mich	I	Philadelphia, Pa	I

Volume Pamphl		Volumes Pamphle	
American Photo-Engraver, Chicago,		American Society of Mechanical	
$Ill \dots \dots \dots$	I	Engineers, New York, N. Y	5
American Political Science Associa-		American Steam Pump Company,	·
tion, Urbana, Ill	2	Battle Creek, Mich	I
American Political Science Asso-		American Steel and Wire Company,	
ciation, Committee on Prac-		Chicago, $Ill$	6
tical Training for Public Ser-		American Sugar Renning Com-	
tical Training for Public Service, Madison, Wis	2	pany, New York, N. Y	1
American Pomological Society,		American Telephone and Telegraph	
Washington, D. C	2	Company, New York, N. Y	19
American Practitioner Co., New		American Type Founders Com-	
York, N. Y	I	pany, Chicago, Ill	I
American Proctologic Association,		American Unitarian Association,	
St. Louis, Mo	2	Boston, Mass	5
American Protective Tariff League,		American Urological Association,	
New York, N. Y	5	Washington, D. C	2
American Publishers' Copyright League, New York, N. Y		American vanadium Co., Puis-	
League, New York, N. Y	3	burg, Pa	1
American Public Health Associa-		American Warehousemen's As-	_
tion, Boston, Mass	I	sociation, <i>Pittsburg</i> , <i>Pa</i> American Water Works Associa-	3
American Railway Association,		tion, Charleston, S. C	2
New York, N. Y. American Railway Association,	32	American Wood Preservers' As-	2
American Railway Association,		sociation, Baltimore, Md	т
Special Committee on Relation			20
of Railway Operation to Leg-		Amherst College, Amherst, Mass	20
islation, Chicago, Ill	53	Andover Theological Seminary,	-
American Railway Bridge and		Andover Theological Seminary, Cambridge, Mass	I
Building Association, Chicago,		Andrews, Clement W., Chicago,	-
Ill	I	Ill	7
American Railway Engineering As-	_	Ill	•
sociation, Chicago, Ill	7	napolis. Md	1
American Ramabai Association, Boston, Mass		Anti-Imperialist League, Boston,	
American Peal Estate Company	I	Mass	2
American Real Estate Company,	2	Mass Anti-Saloon League of America, Washington, D. C	
New York, N. Y	2	Washington, D. C	I
ence, Chicago, Ill	I	Appeal Publishing Co., Girard,	
American School of Home Eco-		Apperson, E. C., McMinnville, Ore.	I
nomics, Chicago, Ill.	6	Apperson, E. C., McMinnville, Ore.	3
American Social Hygiene Associa-	O	Apprenticeship and Skilled Employment Association, London,	
tion, New York, N. Y.	5	ployment Association, London,	
tion, New York, N. Y American Society for Control of	0	Eng	I
Cancer, New York, N. Y	2	Arbeiter-Zeitung, St. Louis, Mo	1
American Society for Testing Mate-		Arbetareröelsens Arkiv, Stock-	
rials, Philadelphia, Pa	I	noim, Sw	Ţ
American Society for the Judicial		Architectural Record Co., New	
' Settlement of International		holm, Sw	I
Disputes, Baltimore, Md	I	Arctowski, Henryk, Doods Ferry,	2
American Society of Brewing Tech-		N. Y	2 I
nology, Chicago, Ill	I	Argentine Republic, Estación Ex-	4
		perimental Industrial Agricola,	
American Society of Civil Engineers, New York, N. Y	2	Tucuman, A. R	4
American Society of Engineering		Argentine Republic, Ministerio de	+
Contractors, New York, N. Y.	I	Agricultura, Buenos Aires	
American Society of Heating and		Agricultura, Buenos Aires, A. R	5
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N. Y	I	Wisconsin, State Banking Dept.,	_
Wilke, Bruno, <i>Chicago</i> , <i>Ill</i>	I	Madison, Wis Wisconsin, State Board of Ag-	6
merce, Wilkes-Barré, Pa	7	riculture, Madison, Wis	2
Williams College, Williamstown,	1	Wisconsin, State Board of Control,	3
Mass	2	Madison, Wis	I
Williams, Edward, Chicago, Ill	5	Wisconsin, State Board of Health,	•
Williams, Dr. Tom A., Washing-	J	Madison, Wis	2
	3	Wisconsin, State Board of In-	
williamsport, Board of Trade, Williamsport, Pa		dustrial Education, Madison,	
Williamsport, Pa	I	Wis	I
Williston Seminary, Easthampton,		Wisconsin, State Fire Marshal,	
Mass	2	Madison, Wis	3
Wilmington Institute Free Library,		Wisconsin, State Historical Society,	0
Wilmington, Del	2	Madison, Wis	8
Wilmington, Supt. of Public Schools, Wilmington, Del	_	Wisconsin, State Horticultural Society, Madison, Wis	T 4
Wilson & Toomer Fertilizer Co.,	5	Wisconsin, Supt. of Public In-	14
Jacksonville, Fla	5	struction, Madison, Wis	I
Wilson, Mrs. Huntington, Wash-	5.	Wisconsin, Supt. of Public Prop-	-
ington, D. C	I	erty, Madison, Wis	I
Ninch, Allen, Chicago, Ill	2	Wisconsin, Tax Commission, Mad-	
Windsor Public Library, Windsor,		ison, Wis	2
Ont	I	Wistar Institute of Anatomy and	
Winona Assembly, Winona Lake,		Biology, Philadelphia, Pa	3
Ind	I	Witthold, George Co., Chicago,	
Winona State Normal, Winona,		Woman's City Club Chicago Ill	6
Minn	4	Woman's City Club, Chicago, Ill	U

Volumes of Pamphlet		Volume: Pamphl	
Womans Medical College of Pennsylvania, Philadelphia, Pa	I	Wylie Permanent Camping Co., Livingston, Mont.	2
Womens Canadian Historical Society, Ottawa, Ont	I	Wyman, Richard H., Chicago, Ill Wyoming, Agricultural Experiment	20
Womens Foreign Missionary Societies of the Presbyterian	1	Station, Laramie, Wyo	4
Church, New York, N. Y	I	Wyoming, Commissioner of Public Lands, Cheyenne, Wyo	3
Womens Municipal League of Boston, Boston, Mass	I	Wyoming, State Chemist, Laramie, Wyo	23
Womens Trade Union League, Chicago, Ill	2	enne, Wyo	I
Womens Trade Union League, London, Eng	3	Yale College, Class of 1870, Welles- ley, Mass	I
Woodbury, Dr. Frank, Philadel- phia, Pa	2	Yale Law Journal, New Haven, Conn	I
Woodruff, George, Joliet, Ill Worcester, Board of Park Com-	2	Yale Peruvian Expedition, New Haven, Conn	
missioners, Worcester, Mass Worcester County Law Library,	I	Yale University, New Haven, Conn. Yellow Pine Manufacturers' Associ-	2
Worcester, Mass Worcester Free Public Library,	I	ation, St. Louis, Mo	4
Worcester, Mass	I	York Public Library Committee,  York, Eng	I
Worcester Polytechnic Institute, Worcester, Mass	Ι.	Young B. E., Nashville, Tenn Young Churchman Co., Milwau-	
Workington Public Library, Workington, Eng	I	kee, Wis	
Workmen's Compensation Publicity Bureau, New York,		tion, New York, N. Y	
N. Y	13	tion Institute and Training School, Chicago, Ill	
and Information Bureau, New York, N. Y	2	Young Women's Christian Association, Chicago, Ill	
World Peace Foundation, Boston,	17	Youth's Companion, Boston, Mass. Zeehan School of Mines and Metal-	I
World Star Knitting Company, Bay City, Mich	ı	lurgy, Zeehan, Tas Zurich, Stadtbibliotek, Zurich, Switz	I
Day Cuy, muli	1	Zarren, Staatbibliotek, Zurten, Switz	1

## ELIPHALET WICKES BLATCHFORD

At a regular meeting of the Board of Directors of The John Crerar Library held April 16, 1914, the following Memorial and Resolution, presented by a Committee consisting of Messrs. Johnson, Busby and Andrews, were unanimously adopted:

The Board of Directors of The John Crerar Library learn with great sorrow of the death of their friend and colleague, E. W. Blatchford, and feel deeply the deprivation which the Board have sustained in the loss of his counsel from their deliberations.

He was one of the Directors of this Library named by Mr. Crerar in his will and from 1900 to the day of his death he served as Chairman of the Committee on Administration. To this service he gave much time and thought and his interest in the welfare of the institution was deep and sincere. His position as President of The Newberry Library gave him a wide view of library problems and was an important factor in the establishment and maintenance of the cordial relations between the two reference libraries of Chicago.

Eliphalet Wickes Blatchford was born May 31, 1826, his parents being the Rev. John and Frances (Wickes) Blatchford. In preparation for a professional career Mr. Blatchford pursued a course in the Lansingburgh Academy of New York, afterward attended Marion College of Missouri, and finally entered the Illinois College at Jacksonville, Illinois, from which he was graduated with the class of 1845. Some years afterward that institution conferred upon him the degree of LL.D. He began active life in connection with the law office of his uncles, R. M. and E. H. Blatchford, prominent attorneys of New York, but after several years his health became impaired, owing to the close confinement of his work, and he relinquished his plan for a professional career and returned to the West. In St. Louis he entered upon the manufacture of lead and subsequently was joined in partnership by Morris Collins, of that city. They extended the field of their

operations in 1854 by establishing a branch at Chicago, Mr. Blatchford assuming the management of their interest in this city. With the dissolution of the firm a few years later, he became a permanent resident of Chicago and concentrated his energies upon the control of an extensive manufactory of lead pipe, sheet lead and shot, and linseed oil, to which other related manufactures were added. The keen business sagacity and executive ability of Mr. Blatchford constituted the broad basis on which the substantial success of the house was built, and upon his retirement from the active management of the business his younger brother, Nathaniel H. Blatchford, assumed control. The establishment is still one of the foremost concerns of this kind in the city.

The home relations of Mr. Blatchford were most pleasant. He was married October 7, 1858, to Miss Mary Emily Williams, a daughter of John C. Williams, one of the old and honored residents of Chicago. They became the parents of seven children, as follows: Paul; Amy, who became the wife of Rev. Howard S. Bliss, D.D.; Frances May; Edward Williams; Florence; Charles Hammond; and Eliphalet Huntington.

Mr. Blatchford was long a prominent representative of the leading clubs of Chicago, including the Union League, the University, the Chicago, the Literary and the Commercial Clubs, serving at one time as president of the last named. He likewise belonged to the Congregational Church of Chicago and this indicates one of his most active interests in life. He was throughout his residence here an officer of the New England Congregational Church and was deeply interested in all of its varied lines of work and its allied activities. He became a charter member of the Chicago City Missionary Society and was a corporate member of the American Board of Commissioners for Foreign Missions, serving as its vicepresident from 1885 until 1898. For nearly forty-two years he was the president of the Board of Directors of the Chicago Theological Seminary and coöperated in all of the movements which have tended to promote the moral progress and uplift of the city. But the broad scope of his usefulness covered a still wider field and educational projects also felt the stimulus of his cooperation and sound judgment. He was one of the trustees of the Illinois College from 1866 until 1875, has been president of the Chicago

Academy of Sciences, was a member of the Board of Trustees of the Chicago Eye and Ear Infirmary and for seventeen years was its president. He was likewise a trustee of the Chicago Art Institute and was made executor and one of the trustees of the estate of the late Walter L. Newberry, becoming president of the Board of Trustees of The Newberry Library upon its incorporation. He was also one of the founders and president of the Board of Trustees of the Chicago Manual Training School and was a life member of the Chicago Historical Society.

He did not disregard his country's claims for political activity and while he never sought office he never failed to exercise his right of franchise and thus gave unmistakable evidence of his loyal support of principles in which he believed. His early political allegiance was given to the Whig party and in 1856, upon the organization of the Republican party, he joined its ranks. His spirit of patriotism during the Civil War was never questioned and throughout the period of the struggle he devoted the major portion of his time to the northwestern branch of the United States Sanitary Commission, serving as its treasurer. A contemporary biographer has written of him as "not only a prominent business man of Chicago, but a leader as well in the development and conduct of many institutions of ennobling influence. His keen, practical insight, his sound judgment and his disinterested counsel are still valued and generally utilized and his personality is strong, inspiring and elevating."

RESOLVED, That this memorial be spread upon the minutes of The John Crerar Library and be printed in the next Annual Report with a portrait, and that an engrossed copy be sent to Mr. Blatchford's family.

#### APPENDIX

#### SUMMARY OF STATISTICS

IN FORM RECOMMENDED BY THE AMERICAN LIBRARY ASSOCIATION

# THE JOHN CRERAR LIBRARY CHICAGO, ILLINOIS

A FREE PUBLIC REFERENCE LIBRARY OF SCIENTIFIC AND TECHNICAL LITERATURE



#### REGULATIONS

The Library is a free public reference library, open to readers every day, excepting Sundays, from 9 A. M. to 10 P. M.

Satchels, suit cases, bags, etc., must be checked in the Cloak Room. Outer garments, umbrellas, and packages may be, and in wet weather must be, so checked. No charge is made for the service. The Library will not hold itself responsible for unchecked articles nor for any articles left over night.

Books shelved in the Reading Room and in the Senn Room, except as noted below, may be consulted without formality, but after use are to be left on the tables, instead of being replaced on the shelves.

Current periodicals, except those on the Medical Sciences, may be consulted within the periodical alcove, and may be obtained for use at the tables in the Reading Rooms by presenting at the periodical desk serial call-slips properly filled out. Current medical periodicals are shelved in the Senn Room and may be consulted there.

Books not shelved in the Reading Rooms may be obtained by presenting to the Delivery Clerk book call-slips properly filled out. These books are to be returned to the delivery desk.

Persons engaged in special research, if satisfactorily vouched for, may be admitted to the Stack Rooms. Application for this privilege should be made to the Reference Librarians. All books used under this provision are to be left on the tables in the Stack Rooms.

Books not suitable for general use may be consulted only upon registration and statement of satisfactory reasons, and those of great value or rarity only in the presence of an attendant.

Writing or marking in books belonging to the Library, their mutilation in any manner, and their removal from the Library, are forbidden. The tracing of plans will be permitted if done over a celluloid cover, but not otherwise. The covers will be furnished upon application at the delivery desk.

The officials of the Library are authorized to exclude any person of unseemly behavior or appearance, and any one wilfully violating its regulations.

The Reference Librarians, in charge of the Reading Rooms, will give assistance in the use of the library.

#### PUBLICATIONS IN PRINT

No bills are rendered. Orders should be accompanied by postal money order or stamps.

Annual reports. First to nineteenth for the years 1895-1913. Chicago 1897-1914. Sent gratis on request, except 1906.

The First report contains Record of Organization; the Second, Memorial of Edson Keith; the Fourth, By-laws of the Corporation; the Fifth, Memorial and portrait of Norman Williams; the Sixth, Memorial and portrait of Huntington W. Jackson; the Seventh, Act and Ordinance authorizing the Library to erect and maintain a free public library on the Lake Front Park; the Ninth, "Act concerning free public libraries in public parks"; the Eleventh, Memorial and portrait of Marshall Field, and "Ordinance concerning The John Crerar Library"; the Thirteenth, Memorials and portraits of Albert Keep and Dr. Nicholas Senn; the Fourteenth, By-laws of the Corporation; the Fifteenth, Report of the Special Committee on Site; the Nineteenth, Memorial and portrait of Henry W. Bishop; the Twentieth, Memorial and portrait of Eliphalet W. Blatchford.

- Printed catalogue cards for the titles of all books in the Library. *Prices on application*.
- A list of current periodicals in the Reading Room, June, 1902. Chicago 1902. 97 p. Price 10 cents; by mail 15 cents.
- A list of books on industrial arts, October, 1903. Chicago 1904. 249 p. Price 20 cents; by mail 30 cents.
- A bibliography of union lists of serials. Chicago 1906. 28 p. Price 5 cents; by mail 10 cents.
- A list of books exhibited December 30, 1907—January 4, 1908, including incunabula and other early printed books in the Senn Collection. Chicago 1907. 32 p. Price 5 cents; by mail 10 cents.
- A list of books in the Reading Room, 1909. Chicago 1909. viii, 488 p. Price 25 cents; by mail 50 cents.
- A list of books on the history of science. Chicago 1911. 10, 297 p. Price 25 cents; by mail 40 cents.
- A list of current medical periodicals and allied serials, second edition, April, 1913. Chicago 1913. 32 p. Price 5 cents; by mail 10 cents.
- Handbook, 1913. Chicago 1913. 16 p. Sent gratis on request.

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# JOHN CRERAR LIBRARY

TWENTY-FIRST ANNUAL REPORT

FOR THE YEAR

1915



CHICAGO
PRINTED BY ORDER OF THE BOARD OF DIRECTORS
1916



# JOHN CRERAR LIBRARY TWENTY-FIRST

FOR THE YEAR

1915



CHICAGO PRINTED BY ORDER OF THE BOARD OF DIRECTORS 1916



#### OFFICERS, 1916

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MARVIN HUGHITT

First Vice-President Thomas D. Jones

Second Vice-President ROBERT FORSYTH

Secretary
WALTER B. SMITH

Treasurer William J. Louderback Librarian
CLEMENT W. ANDREWS

#### BOARD OF DIRECTORS

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ROBERT FORSYTH
CHAUNCEY KEEP
FREDERICK H. RAWSON
ALBERT A. SPRAGUE II
WALTER B. SMITH

WILLIAM HALE THOMPSON, Mayor of Chicago, ex-officio EUGENE R. PIKE, Comptroller of Chicago, ex-officio

#### STANDING COMMITTEES

Finance
JOHN J. MITCHELL

CHAUNCEY KEEP

MARVIN HUGHITT

Administration
LEONARD A. BUSBY

FREDERICK H. RAWSON

ALBERT A. SPRAGUE II

Buildings and Grounds
ROBERT FORSYTH

CHAUNCEY KEEP

THOMAS D. JONES

Books

Frank S. Johnson

ROBERT FORSYTH

THOMAS D. JONES

# DIRECTORS, 1894—1916

NORMAN WILLIAMS		-		-		-		-		-	1894-1899*
HUNTINGTON W. JACK	ζS(	NC			-		-		-		1894-1901*
MARSHALL FIELD		-		-		-		-		-	1894-1906*
E. W. BLATCHFORD	-		-		-		-		-		1894-1914*
T. B. BLACKSTONE		-		-		-		-		-	1894-1899†
ROBERT T. LINCOLN	-		-		-		-		-		, 1894—
HENRY W. BISHOP		-		-		-		-		-	1894-1913*
EDWARD G. MASON	-		-		-		-		-		1894-1895†
ALBERT KEEP -		-				-		-		-	1894-1907*
Edson Keith -	-		-		-		-		-		1894-1896*
SIMON J. McPherson		-		-		-		-		-	1894-1899
JOHN M. CLARK -	-		-		-		-		-		1894-1916†
GEORGE A. ARMOUR		-				-		-		-	1894-1899†
Frank S. Johnson	- '		-		-		-		-		1896—
PETER STENGER GROS	SSC	UI	•	-		-		-		-	1897—
ARTHUR J. CATON	-		-		-		-		-		1900-1904*
Marvin Hughitt -		-		-		-		-		-	1900—
THOMAS D. JONES	-		-		-		-		-		1900
JOHN J. MITCHELL -		-		-		-		-		-	1900—
LEONARD A. BUSBY	-		-		-		-		-		1901—
Robert Forsyth -		-		-				-		-	1905—
CHAUNCEY KEEP	-		-		-		-		-		1906—
FREDERICK H. RAWSO	N			-		-		-		-	1908—
ALBERT A. SPRAGUE	H		-		-		-		-		1914—
WALTER B. SMITH -		-		-		~		-		-	1914—
*Deceased											+Resigned

## OFFICERS, 1895-1916

#### Presidents

2,700	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•••					
NORMAN WILLIAMS -	-		-		-		-	1895—1899
Huntington W. Jackson		-		-		-		1900-1901
PETER STENGER GROSSCUP	-		-		-		-	1901-1913
MARVIN HUGHITT		-		-		-		1914—
First Vice	e-1	Dre	sic	len	ts			
EDWARD G. MASON		-		-		-		1895
HUNTINGTON W. JACKSON	-		-		-		-	1896-1900
Peter Stenger Grosscup		-		-		-		1900-1901
HENRY W. BISHOP -	-		-		-		-	1901-1910
THOMAS D. JONES								
Second Vi	ce-	Pr	esi	ide	nts	5		
MARSHALL FIELD	-		-		-		-	1895—1899
PETER STENGER GROSSCUP		-		-		-		1899-1900
Henry W. Bishop - Thomas D. Jones	-		-		-		-	1900-1901
Thomas D. Jones		-		-		-		1901-1911
ROBERT FORSYTH	-		-		-		-	1911—
Sect	ret	ari	ies					
GEORGE A. ARMOUR -		-		-		-		1895-1900
ARTHUR J. CATON -	-		-		-		-	1895—1900 1900—1904
LEONARD A. BUSBY		-		-		-		1905-1915
WALTER B. SMITH -	-		-		-		-	1915—
Tree	ası	ure	r					
WILLIAM J. LOUDERBACK	-		-		-		-	1895—
Libr	rai	ria	n					
CLEMENT W. ANDREWS -		_		-				1895—

# LIBRARY STAFF, 1916

Librarian		CLEMENT W. ANDREWS
Assistant Librarian -		CHARLES J. BARR
Reference Librarian Cataloguer		Edward D. Tweedell
Cataloguer		AKSEL G. S. JOSEPHSON
Classifier		J. CHRISTIAN BAY
Medical Reference Librario	ın	J. CHRISTIAN BAY*
Medical Reference Libraria Assistant Reference Libraria	ian	D. Ashley Hooker
Assistant Reference Librari	ian	H. Edward Roelke
Assistant Cataloguer -		MARY E. HAWLEY
Assistant Cataloguer -		GERTRUDE FORSTALL
Assistant Cataloguer - Assistant Classifier -		GRACE KELLEY*
Treasurer's Assistant -		BRUNO C. WILKE
Treasurer's Assistant - Supt. of Delivery -		WILLIAM TEAL
	Senior Assistants	
EDITHA C. PHELPS		MARGARET FURNESS
SARAH S. DICKINSON		ALPHA L. OWENS
CHARLOTTE H. FOYE		Elsa Neiglick
ELIZABETH MONTROSS		MABEL HAYWARD
IENNIE A. HULCE		MABEL EAMAN
WILLIAM A. BRENNAN		ETHEL M. WIGHT
GENEVIEVE DARLINGTON		HARRIET E. PENFIELD
0 117	Junior Assistants	
CORNELIA C. WHITE		HARRIE EDNA BROOKE
MARY B. HIBBARD		ELIZABETH E. WILSON
ALBERTA M. WHIDDEN		MILTON A. BROWN
Helen D. Brown		JOHN A. KRAUTH
A. Frederic Gronberg		ELSEBETH MARTENS
Mary L. Reider		CARLYLE PEEK
	Attendants	
MAYME L. COLE		ANTHONY GABLER
MARGARET TERWILLIGER		Benjamin Jaffe
D. J. Porto		WALTER THIELE
ALPHONSE COMYN		MEYER RICHMAN
Noah Fox		JOHN KOLENBURG
	Pages	-
JOHN PRATT	1 ages	EDWARD BOIN
IRWIN STEPEK		George Nelson
ALOYSIUS WEIMER		Louis Warman
ALOISIOS WEIMER		LOUIS WARMAN
	Janitor	
	WILLIAM J. JONES	
	Assistant Janitors	
August Carlson		NICHOLAS MEYER
* Provisional		

#### REPORT OF THE PRESIDENT

TO THE GOVERNOR OF ILLINOIS:

In accordance with the provisions of an act entitled "An Act to encourage and promote the establishment of free public libraries in cities, villages and towns of this state," approved June 17, 1891, under which this corporation is organized, the Directors of The John Crerar Library submit their twenty-first annual report for the year 1915.

The only changes in the membership of the Board of Directors are those caused by the municipal election and the Board is now composed of the following persons: Robert T. Lincoln, John M. Clark, Frank S. Johnson, Peter Stenger Grosscup, Marvin Hughitt, Thomas D. Jones, John J. Mitchell, Leonard A. Busby, Robert Forsyth, Chauncey Keep, Frederick H. Rawson, Albert A. Sprague, II, and Walter B. Smith, together with William Hale Thompson, Mayor of Chicago, and Eugene R. Pike, Comptroller of Chicago, ex-officio members.

The officers of the Library are as follows: President, Marvin Hughitt; First Vice-President, Thomas D. Jones; Second Vice-President, Robert Forsyth; Secretary, Walter B. Smith; Treasurer, William J. Louderback; Librarian, Clement W. Andrews.

Messrs. Holabird & Roche have prepared additional sketch floor plans for the utilization of another portion of the site recently acquired, but no action has been taken by the Board. The additional space in the Marshall Field & Company Building has been fitted up and occupied. The result has been a noticeable increase in the use made of the Library.

The effects of the European war continue to be felt severely in the supply of foreign books and periodicals. Notwithstanding this, the collections have been increased by 16,256 volumes and 10,600 pamphlets and now contain 353,394 volumes, 10,854 maps and plates, and some 123,000 pamphlets.

The Library receives currently 3,758 periodicals and 12,547 other serial publications. The total use was about 624,000 books and periodicals and the recorded attendance was 170,163. For further details reference is made to the appended report of the Librarian.

The report of the Treasurer, also appended, presents a statement of the income and expenditure for the year 1915, together with a statement of the assets and investments, as required by law.

Respectfully submitted,

MARVIN HUGHITT,

President.

Chicago, January 20, 1916.

#### REPORT OF THE TREASURER

#### STATEMENT OF FINANCES FOR YEAR 1915

#### CASH

Cash on hand January 1, 1915:  In bank \$ 39,302.70  Librarian, petty cash 193.82	\$ 39,496.52
RECEIPTS	
Collections account income \$227,624.27  Huntington W. Jackson Fund, income - 40.00  Henry Gradle Memorial Fund, income - 150.00  Bills Collectable 1,799.60  Commission and Discount 655.00  Investments:  Farm Mortgage Loans 142,600.00	372,868.87 \$412,365.39
DISBURSEMENTS	
Audited Vouchers \$186,897.72 Investments: Farm Mortgage Loans 201,650.00	\$ 389,181.01
Cash on hand December 31, 1915:  In bank \$ 22,933.52  Librarian, petty cash 250.86	\$ 23,184.38

#### OPERATION

#### INCOME

Model		
General: Bonds \$105,448.03  Stocks 42,513.20  Rentals 51,014.96  Farm Mortgage Loans 12,654.47  Mortgage Loans 16,625.00  Sundries 822.01  Commission and Discount Huntington W. Jackson Fund Henry Gradle Memorial Fund	\$229,077.67 655.00 40.00 150.00	\$229,922.67
THE PARTY OF THE P		
EXPENSE		
Administration:  Rent, Light \$ 39,568.12  Salaries, Wages 63,772.62  Supplies \$ 2,727.85  Less Sales 138.78 2,589.07		
Printing 7,526.02 Less Sales 813.43 6,712.59		
Transportation, Postage 2,574.34 Insurance on Books,		
Furniture, etc 2,583.21		
Sundries 2,304.25	\$120,104.20	
Books:		
Books: Books \$23,971.48  Less Sales 236.40 \$ 23,735.08		
Periodicals 6,748.97		
Binding 9,979.78		
9,7,7,7		•
Lettering, Repairs 1,603.67	\$ 42,067.50	
Buildings and Grounds:		
Repairs \$ 2,078.37		
Depreciation 2,854.45		
Insurance on Buildings 948.81		
Taxes, 1915 (estimated) 13,601.60		
		0-0-1-0-0
Sundry Expenses 824.05	\$ 20,307.28	\$182,478.98
Surplus for year 1915		\$ 47,443.69

#### ASSETS AND LIABILITIES

#### ASSETS

DC	mus	-		•	-		-		-		_		-		-		\$2,411,070.00	
St	ocks		-	-		-		-		-		-		-		-	582,373.05	
Re	al Est	ate		-	-		-		-		-		-		-		1,080,000.00	
M	ortgag	e Lo	ans	-		-		-		•		-		_		-	475,000.00	
Fa	rm M	ortg	age	Loa	ns		-		-		-		-		-		258,605.00	
Fu	ırnitur	e an	d F	ixtu	res	-		-		-		-		-		-	25,690.07	
Bo	ok Inv	vesti	nen	t	-		-		-		-		-		-		526,157.42	
A	count	s Re	ceiv	abl	e -		-		-		-		-			-	1,218.66	
Bi	lls Col	lecta	ble	-		-		-		-		-		-		-	620.89	
Uı	nexpire	ed Ir	ısuı	anc	e -		-		-		-		-		-		8,551.35	
Ca	ısh -		-	-		-		-		-		-		-		-	23,184.38	
	Tot	al	-		_		_		-		-		-		-			\$5,392,476.90

#### LIABILITIES

Building Fund 1,170,994.64  Book Fund 526,157.42  Security Reserve Fund 168,819.91  Huntington W. Jackson Fund 1,000.00  Henry Gradle Memorial Fund 3,000.00  Book Purchase Reserve 8,993.36  Reserve for Taxes 13,601.57  Total \$5,392,476.90	Endowment Fund -	-	-	-		-	-	\$3,500,000.00	
Security Reserve Fund 168,819.91  Huntington W. Jackson Fund 1,000.00  Henry Gradle Memorial Fund 3,000.00  Book Purchase Reserve 8,903.36  Reserve for Taxes 13,601.57	Building Fund -	-	-	-	-	-	-	1,170,994.64	
Huntington W. Jackson Fund 1,000.00  Henry Gradle Memorial Fund 3,000.00  Book Purchase Reserve 8,903.36  Reserve for Taxes 13,601.57	Book Fund	-	-	-		-	-	526,157.42	
Henry Gradle Memorial Fund 3,000.00  Book Purchase Reserve 8,903.36  Reserve for Taxes 13,601.57	Security Reserve Fund	-	-	-	-	-	-	168,819.91	
Book Purchase Reserve 8,903.36 Reserve for Taxes 13,601.57	Huntington W. Jackson	Fund	1 -	-		-	-	1,000.00	
Reserve for Taxes 13,601.57	Henry Gradle Memoria	l Func	d	-	-		-	3,000.00	
	Book Purchase Reserve	-	-	-		-	-	8,903. <b>3</b> 6	
Total \$5,392,476.90	Reserve for Taxes -	-	-	-	-	-	-	13,601.57	
	Total	-	-	-	-		-		\$5,392,476.90

In accordance with the instructions of the Board of Directors, the Building Fund has been increased by the amount of the surplus for the year, \$47,443.69, less the balance of \$3,955.95, from the appropriations for books and periodicals carried to the Book Purchase Reserve and the tenth and final annual charge of \$7,000 against the Medical Library Purchase Suspense Account, making a total to the credit of the Building Fund of \$1,170,994.64.

The Book Fund has been increased by the amount of the investment during the year, less depreciation, and now stands at \$526,157.42.

The income of the Huntington W. Jackson Fund has been expended for books and that of the Henry Gradle Memorial Fund for periodicals.

Insurance is in force covering the property of the Library in amounts as follows:

Books -	-	-	-	~	-	-	-	\$425,000.00
Furniture,	Fixtur	es,	Etc.	-	-	-	-	24,000.00
Portraits	-	-	-	-	-	-	-	6,000.00
Type and	Cases	-	-	-	-	-	-	5,000.00
Buildings	-	-	-	-	-	-	-	195,000.00
Boilers -	-	-	-	-	-	-	-	20,000.00
Plate Glass	s (by p	ren	nium	only)	-	-	-	
								\$675,000.00

WM. J. LOUDERBACK,

Treasurer.

CHICAGO, January 20, 1916.

TO THE BOARD OF DIRECTORS OF THE JOHN CRERAR LIBRARY:

Dear Sirs:—We have audited the books and accounts of The John Crerar Library, for the year ending December 31, 1915; we have examined and priced all securities (other than farm mortgages) which we found to have an aggregate market value exceeding the book value; and have verified the cash on hand and in banks.

We accordingly certify that, in our opinion, the attached statements truly exhibit the cash receipts and disbursements and the operating income for the said year, and the assets and liabilities at its close.

#### THE AUDIT COMPANY OF NEW YORK,

HOWARD KROEHL,

CHICAGO, January 25, 1916

Western Manager.

#### REPORT OF THE LIBRARIAN

TO THE BOARD OF DIRECTORS OF THE JOHN CRERAR LIBRARY:

Gentlemen: In submitting the following report on the work of the Library for 1915 your attention is called especially to the remarkable increase in attendance and recorded use coincident with the enlargement of the accommodations for readers, and to the amount of routine work accomplished notwithstanding the disturbances caused by the war and by an unusual number of absences on account of illness.

Rooms. On May 1st the Library obtained possession of the remainder of the space on the seventh floor and during the summer this was fitted up and occupied. The part used for the Treasurer's Office is sufficiently large and convenient but the same cannot be said of the part used for the storage and care of the stock of printed cards. Even when uncomfortably crowded it is not quite large enough. As soon as the new Treasurer's Office was available, his old office and the Directors' Room were thrown together to form a room for the current periodicals, and opened to the public on October 1st. This contains some 600 sq. ft., or 50 per cent more than the old Periodical Alcove. It was fitted with two standing desks and a table, accommodating in all some 26 readers. This provision proved to be inadequate and the addition of five more seats in the windows has not been sufficient on many days.

The removal of the periodicals has permitted the installation of two more tables in the Main Reading Room, with a net increase of 16 seats. This has prevented any overcrowding to date, but on several days practically every seat has been occupied, and it is evident that the public has taken advantage promptly of the increased accommodations. This is confirmed by an analysis of the recorded attendance and the calls for books. The increase in attendance from January to September, over the same months of 1914, was 3,446. At the same rate it should have been for the rest of the year 1,149,

but it really was 6,427. The increase in calls for the first nine months was 13,246 and for the last three should have been 4,413 but really was 5,888. It follows that at least one quarter and probably one third of the new readers drew books from the stacks. It is evident that the development of the use of the Library in recent years has been retarded by the lack of comfortable accommodations for readers and that this should be taken into consideration in estimating the space required in the proposed building.

Routine. The following changes in routine seem worthy of mention: The cost of the various card indexes subscribed for by the Library, which has hitherto been charged to several different accounts, will hereafter be carried on the continuation record and charged to the appropriation for books; a collection of trade catalogues has been started; the use of Harvard and Royal Library of Berlin cards in the public catalogues has been discontinued; the process of replacing lost and mutilated books has been simplified and made less liable to unintentional neglect; in the catalogue entries of serials the words "Library has" are to precede the statement of volumes in the Library.

Special Collections. From the income of its special fund ten titles have been added to the Huntington W. Jackson Collection on Constitutional Law, which now contains 825 titles, of which 97 have been purchased from the fund.

The Senn Collection on the Medical Sciences is still in process of adjustment. It has been greatly consolidated and now occupies some 375 shelves, 335 with books and 40 with pamphlets. The latter and 140 shelves of books have still to be recatalogued and reclassified. There are still many shelves of earlier works on surgery to be transferred from the regular shelves.

The income from the Gradle Fund has been spent for periodicals and 33 volumes have been added to the 255 already having the bookplate. The total number of volumes and pamphlets in the collection is about 1,450.

All of the books in the Chanute Collection on Aviation have been reclassified and catalogued and about two-thirds of the pamphlets and clippings. There are 547 books in the collection and some 300 pamphlets and 2,000 clippings.

A fifth special collection has been established. The Cremation Association of America has presented to The John Crerar Library its books on the subject of cremation and has made provision for future development. The only condition differentiating this gift from others, besides the provision for development, is an agreement that the books shall be loaned to members of the Association in the same way as interlibrary loans are made. The President, Dr. Hugo Erichsen, of Detroit, is greatly interested in enlarging the collection and has already secured by purchase and gift much material. There are at present 74 titles of books and 89 pamphlets.

Attendance. The total number of visitors] recorded during the year was 170,163 and the daily average was 544, an increase of 6.04 per cent over the figures of 1914, which were 160,380 and 513 respectively. The chief significance of this increase has been noted already.

The average evening attendance, 103, was 6 more than in 1914. The average attendance on the five general holidays, 243, was 74 more than in 1914. The smallest attendance of the year was 138, on December 25th, and the largest was 988, on November 27th. The figures for 1914 were 138 and 987 respectively.

The average attendance in the Senn Room for the second week of December was one more than in 1914 during the day and four more in the evening. It is probable that the day attendance has reached an approximate maximum for the present accommodations.

Use. The record of the use of current periodicals ceased with the opening of the new Periodical Room on October 1st. It would be interesting to determine numerically the increased use due to the new accommodations but it would have cost too much both in time of the staff and annoyance to readers. Up to September 1st the record was entirely normal, the average being slightly less than in 1914 and exactly the same as in 1912 and 1913, apparently indicating the attainment of another maximum under the given conditions.

The remarkable increase in the admissions to the stack from 2,472 in 1914 to 4,013 in 1915 is due chiefly to three special investigations which have been carried on at the Library, one by the U. S. Industrial Commission, one by the Interstate Commerce Commission and one for the City of Chicago. The number recorded has been exceeded only in 1912 and then only by five. Of the 4,013 admissions, 3,129 were by registration and 884 on presentation of 22 passes. One additional pass has been granted and three have been canceled by death, leaving 98 nominally in force.

The increase in calls for books from the stacks from 176,368 in 1914 to 195,502 in 1915 has again been out of proportion to the increase in the number of visitors. It is due partly to an increase in class work in bibliography and partly to the continued development of the more scholarly work of the Library. Using the same factor as in previous years and ignoring the absence of records of the use of the periodicals for three months, the total use of the Library may be estimated at 624,000 books and periodicals.

A detailed classification of the call slips for books and periodicals and of admissions to the stack is given in the second table of library statistics. A comparison of the totals and percentages of the first and third items for each department with the corresponding figures for 1914 follows:

		Calls for	Books		Ac	Admissions to the Stack				
	19		19	14		915		1914		
		Percent-		Percent	-	Percen	t-	Percent-		
-	Total	age	Total	age	Total	age	Total	age		
Unclassified	2,077		1,606							
General Works	31,457	16	28,098	16	107	3	77	3		
Social Sciences	38,605	20	38,640	22	320	8	321	13		
Physical Sciences	19,257	10	19,567	II	539	13	38 <b>0</b>	15		
Natural Sciences	12,399	6	12,418	7	250	6	226	9		
Medical Sciences	30,751	16	25,892	15	1,304	33	444	18		
Applied Sciences	60,956	32	50,147	29	1,493	37	1,024	42		

The stationary amount in the Social Sciences would indicate that the new readers are in the other departments. The increase in the Medical Sciences is in continuation of an apparently steady development of this work, while the changes in the other departments are only toward the average of previous years. The admissions to the stack emphasize these tendencies. The figures for the individual subjects show no noteworthy changes unless the gain of one-third in domestic economy shall prove to be permanent. All other changes are either small proportionately or toward the average of previous years. The six leading subjects are: medicine, engineering, trade and transportation, political economy,

chemical technology, and psychology. The last replaces physics in the list, and trade and transportation resumes its old place as third after one year in fifth.

The loans for use outside the Library continue to increase noticeably. There were granted 462 requests for 634 volumes from 94 libraries and 866 requests from 261 individuals. Twelve requests from libraries were refused. In 1914 the loans were 1,077 and the refusals two. In sixteen cases the books loaned were asked for while out. Nearly all the loans to individuals are for very short periods, chiefly over night or over Sunday. The loans asked and obtained by the Library for its readers were 45 for 72 volumes from 9 libraries. One request was refused.

The recorded calls for assistance by telephone were 890, and the requests for information by letter were 190. The figures for 1914 were 893 and 151, respectively.

The orders for cameragrams were 142, requiring 1,725 sheets, for which charges amounting to \$195.50 were made. For 1914 the figures were 110 orders, 1,471 sheets, \$164.85 charges.

The time required to fill calls has been determined in the same way as for the previous year. The average time was 4.12 minutes, as against 4.32 in 1914. If each order were filled separately this saving of two-tenths of a minute would amount to the somewhat astonishing total of 667 hours or 50 library days, but as usually several orders are filled at once it is of course not nearly as much. Nevertheless it is a distinct gain and one for which those responsible deserve credit.

The record of the causes of failures to supply books called for, which should have been supplied, is as follows: at bindery, 480; otherwise unavailable temporarily, mostly burned or stolen and not yet replaced, 41; in use by another reader, 1,051; withdrawn from general circulation, 56; not found on shelves, 498; errors of library assistants or records, 185; total, 2,311. The total is 1.17 per cent of all the call slips presented. Excluding the first four causes as unavoidable, the avoidable failures were 0.34 per cent. For 1914 they were 0.46.

As a further illustration of the use made of the Library and also of the difference between it and a general public

library, attention may be called to the withdrawal of the first book worn out in service and that the book is Trowbridge's What is Electricity?

The Librarian's correspondence not infrequently contains proofs of the gratitude of readers for help given them by the Library, in many cases accompanying gifts of their publications or offers of special prices on them, but it may be doubted if this feeling has actually become so intense as to lead them to personify the institution, even though one correspondent did address "Dr. John Crerar Library — My dear Dr. Library."

**Publications.** In May the Library issued its *Twentieth Annual Report*, a pamphlet of 79 pages. An edition of 5,500 copies was printed and distributed. It contained, besides the usual matter, a portrait of the late Eliphalet W. Blatchford and the Memorial of him adopted by the Board.

In November the Library issued the eleventh of its bibliographical publications, a List of Books on the History of Industry and Industrial Arts. This is a work of 486 pages, giving some 2,800 titles. It is, of course, not a bibliography, being confined to the books actually in the Library, but it is thought to be the most extensive list on the subject available. Like most of the other bibliographical publications of the Library it is printed from electrotypes of the titles as set up for the card catalogues, and necessarily shows their typographical peculiarities. The titles are arranged by subjects with an index of authors and subjects.

The numbers of the various publications remaining in stock are given in the following table, which shows their distribution during the year.

			DISTRIBUTION					
	D-4-	173 1141		Exchange	Cal-	On hand		
TITLE	Date	Edition	Jan. 1	or Gift	Sale	Dec. 31		
Current Periodicals	1902	1,000	112	7	2	103		
Bibliographies of Special								
Subjects	1902	966	14	I	3	10		
Books on Industrial Arts	1904	98 <b>0</b>	18	6	2	10		
Bibliography of Union Lists.	1906	317	128	7	I	120		
Books Exhibited	1907	2,000	9 <b>0</b> 8	8	3	897		
Books in Reading Room	1909	956	115	6	3	106		
Current Medical Periodicals	1910	1,000	61			61		
Handbooks	1910	1,280	2			2		
History of Science	1911	1,000	265	20	10	235		
Current Medical Periodicals	1913	1,038	283	16	21	246		
Handbook	1913	1,038	229	116		113		
History of Industry	1915	950		654	2	294		

Printed Cards. The distribution of one copy of each catalogue card to the Armour Institute of Technology, Chicago Public Library, Field Museum of Natural History, Library of Congress, Northwestern University, University of Chicago, and the University of Illinois, has been continued; also the sending of one copy of each card printed by the Library to Columbia University, Harvard University, New York State Library, Princeton University, Royal Library at The Hague, St. Louis Public Library, University of California, University of Michigan, and Yale University; and the University of Iowa has been added to this list. Besides other special orders of limited scope completely filled, four new standing special orders have been received. The distribution amounted to 273,362 cards, of which 75,678 were sent to the depository libraries, 1,799 sent as gifts, and 195,885 sold or sent in exchange.

The present state of the Union Catalogue is shown in the following table:

	Receipts in 1915	Total
Library of Congress	40,769	640,300
Royal Library, Berlin	10,256	71,602
Royal Library, The Hague	4,561	20,861
Harvard University	4,800	25,161
University of Illinois	7,839	21,980
University of Chicago	256	3,122
University of California	618	618
Total	69 <b>,0</b> 99	783,644

Bills for 17,877 depository cards from the Royal Library of Berlin have been received but the cards themselves are held at Leipzig because of the risks of transportation.

Selection and Ordering. The selection of new titles is nearly up to date and the revision of the older ones is nearly completed. The work of ordering has been unaccountably slow and has failed completely in meeting the needs of the Library. Only a portion of the subjects have been covered in the first series and very few in the second. It is true that the South American purchases required much time and that the changes in conditions of importing European books also diminished the efficiency of the work. After making all allowances, however, the retardation is so great and so injurious as to call for radical changes.

During the year 7,118 orders were given. Of these 470 failed or were canceled, leaving 6,648 valid orders, covering 14,344 volumes at an estimated cost of \$22,594; 6,617 orders were filled, covering with the standing orders for continuations 13,111 volumes at a cost of \$23,735. There are left outstanding, in addition to the orders for continuations, 2,460 orders. at an estimated cost of \$4,710; of these 732 were given before January 1, 1915. The distribution of the orders of the year, of the total to the end of 1915, and the estimated cost, to the nearest dollar, are given in the second table of library statistics. The unclassified orders were for the most part purchases by Dr. Lichtenstein in South America; the greater part of the cost of these is not included in the amount for the year, having been given in that of 1914. Two other unclassified orders of note have been given, one to an English and one to a German dealer, for collections of inexpensive material on the technical. scientific, and economic aspects of the war.

Accessions. The total accessions of volumes for 1915 have been 16,889, of which 3,778 have been received as gifts and 13,111 obtained by purchase. Volumes made by binding serials are included in these figures. There have been withdrawn 633 volumes, leaving the net accessions for the year 16,256, which, with the 337,138 reported for 1914 make a total now on the books of 353,394. There remain to be entered only the Laufer purchase, about 14,000 volumes, and less than 1,600 volumes of the Gerritsen purchase. These have their own catalogues, and particular books can be obtained when asked for, so that the total number of volumes available is about 369,000.

The accessions of maps and plates for 1915 were 2,229, and the total entries are 10,854. Almost all were from the Levasseur collection, work on which has been nearly completed.

After eliminating duplicates, 2,366 pamphlets were obtained from the South American purchase; and 13,879 were received as gifts. Author slips for 3,620 titles were filed in the official catalogue, and the classified collection has been increased by 11,503 pamphlets. The last number includes the preceding, but these two have no necessary connection with the first two. Many of the pam-

phlets received are duplicates, and many more are continuations, or for various reasons are put elsewhere than in the pamphlet collection. On the other hand, many pamphlets already in the Library have been classified and entered in the official catalogue. Of the 11,503 net accessions to the classified collection, 653 were from the Gerritsen purchase; 143 from the Senn Collection and the Newberry Medical Collection; and 94 from other accumulations, leaving some 10,613 as the new accessions of the year. The total in the Library is approximately 123,000. Their classification is shown in the second table of library statistics.

The following table shows the distribution of the net accessions for 1915 and of the totals entered, by departments, together with the percentages of the classified volumes:

DEPARTMENT	Volumes	Per cent	Pamphlets	Volumes	TOTAL Per cent	Pamphlets
Unclassified	400			17,357		29,719
General Works	2,523	16	1,344	47,771	14	14,223
Social Sciences	5,525	35	4,123	90,425	27	30,697
Physical Sciences	635	4	1,159	28,213	8	5,394
Natural Sciences	I,444	9	212	33,855	IO	3,377
Medical Sciences	2,078	13	1,203	66,904	20	25,045
Applied Sciences	3,651	23	3,462	68,869	21	14,369
Total	16,256		11,503	353,394		122,824

The new method of ordering will always produce temporary irregularities in the growth of the Library, so that it is a more exact test of the proportionate growth to compare the present percentages of the total number of volumes with those of five years ago. Such a comparison shows that General Works have remained the same, Social Sciences gained two points, Physical Sciences lost one, Natural Sciences lost one, Medical Sciences lost one, and Applied Sciences gained one.

The proportionately large increase in pamphlets on the Applied Sciences is due chiefly to the formation of a collection of trade catalogues. The usefulness of these publications as sources, sometimes the only sources and frequently the most detailed and accurate, of information in regard to industrial products, methods and machines has always been recognized and attempts have always been made to secure the most important material of this character. The presentation of a considerable amount of such material by Dr. H. E. Horton caused the Council to recommend more systematic and thor-

ough work in the formation of a collection and its treatment in a simple and inexpensive way. The method finally adopted was to shelve the catalogues by serial numbers in order of receipt, except that all issued by one firm are kept together, and to index by subject and by firm. Since July 1st, some 575 requests have been sent to as many firms. Nearly everyone addressed has responded favorably and the collection now numbers 1,630 catalogues from 1,080 firms. The use made of it increases steadily and fully justifies the comparatively small amount of time and money spent on it.

The assistants in charge of periodicals report that 102 titles have been withdrawn from the general list and 222 added, and that 15 have been withdrawn from the medical list and 14 added, making a total now on the two lists of 3,789 copies of 3,758 titles. Unfortunately it cannot be said that the Library is in regular receipt of this number. Many of the European periodicals, possibly 50 per cent of the French and 25 per cent of the German, have been suspended and perhaps discontinued entirely. Many others have been published less promptly, less frequently, or in a reduced size. Even of those which have been issued regularly the receipt has been very irregular. This is especially true of the French and German periodicals. For these reasons, the expenditure has been much less than the appropriation based on normal conditions, and, as ordered by the Board, the unexpended balance will be added to the Book Purchase Reserve in order to enable the Library, after the war, to fill the gaps as completely as possible.

The assistant in charge of the Continuation Record reports 737 titles added to the list and 453 withdrawn, leaving 12,547 at the end of the year. About 5,504 are obtained by subscription at a cost in 1915 of \$3,642.20. These furnished 1,014 volumes entered on the record of accessions. The other continuations were received as gifts or in exchange, and furnished 1,586 volumes. For the gifts 1,332 first and 100 second requests were sent and 31 reported to the Librarian for personal letters. For the purchases 180 first and 15 second notifications were sent and 3 reported to the Librarian. Here again the effects of the war are very noticeable. The expenditure, notwithstanding the increase of 621 in the number obtained

by purchase, was less than in 1913 by \$2,400 and the number of volumes bound fewer by 517. In part this is due to the non-receipt of issues but probably more to the postponement of publication.

Dr. Lichtenstein has issued an interesting account of his South American trip which gives a good insight into the conditions governing and limiting book purchases there. When his collections were distributed in April, The John Crerar Library received, after eliminating duplicates and material not wanted, 1,733 volumes and 2,366 pamphlets. The purchase contained less on science and technology than had been hoped for, but it would appear from Dr. Lichtenstein's experience that little is published in South America on these lines and still less collected. It does contain much material of use in the study of the social and economic conditions and has already received one visit from a non-resident scholar. The total cost, exclusive of transportation, was \$7,679; but this has been reduced already by \$164, and will be still further reduced, from the sale of duplicates held on joint account.

Another very important purchase was a selection of 23 incunabula and one manuscript, dealing with medicine and the natural sciences, from Olschki, of Florence, at a total of \$2,683.71. The manuscript, probably of the 15th century, bound in wooden boards, contains a number of medical tracts in Italian, by Guglielmo Varignana. Among the incunabula the following deserve special mention: Plinius' Historia naturalis, Venice, Nicolaus Jenson, 1472; the editio princeps of the Latin Hortus sanitatis, Mainz, Jacob Meydenbach, 1491; the Latin Herbarius, Passau, Johann Petri, 1485; Johannes de Capua's Directorium humanæ vitæ, Strassburg, Johann Prüss, about 1488; Foresti's (Bergomensis') Supplementum chronicorum, Venice, Bernardinus Benalius, 1486. The last contains one of the earliest statements about the invention of printing. The most interesting acquisitions in this purchase were two small volumes, not hitherto described by any bibliographer, namely Matheolus' Tractatus de memoria et de reminiscentia, Padua, Pierre Maufer, about 1474, differing in make-up from the only hitherto known issue of the book printed by Maufer; and Serenus Sammonicus' Medicinale carmen, a very curious product, probably emanating

from an Italian press, but differing both in make-up and textual matters from the only other known edition of the 15th century, printed by Georg Herolt of Rome, some time during the last decade of the century.

Of individual purchases the most important is a copy of Maps illustrating early discovery and exploration in America, 1500-1530 reproduced by photography from the original manuscripts, issued under the direction of Edward Luther Stevenson, New Brunswick, 1903. The maps were selected to illustrate the progress of discovery, the originals are in European libraries, and only 17 other complete copies of the reproductions are known to be available in this country. Other important purchases are: Barrande's Système silurien, Proceedings of the Board of Arbitration in the Western Railways case, and the Record of the New York Constitutional Convention.

Many periodical sets have been completed, among which may be mentioned: Acta eruditorum, 1682-1774; Bulletin de la Société de géographie de Lille; Kindergarten review; Lightning and the Electrical times; Nationalökonomisk tidsskrift; Paxton's magazine of botany; Preussische Statistik; Proceedings of the Cleveland Institution of Engineers; Revue d'hygiène.

Because of the formation of the collection of trade catalogues the number of donors is larger than usual. There were received as gifts 7,580 volumes and 13,879 pamphlets from 3,551 donors. The volumes entered in the accession record were 3,778. The figures for 1914 were 6,962 volumes, 13,196 pamphlets, 2,903 donors, and 3,685 entries.

Besides the customary gifts from the American Medical Association and Lewis Institute, there was an unusual number of large gifts from other sources. Among them may be mentioned: 292 volumes and 321 pamphlets on technical subjects, including many trade catalogues, from Dr. H. E. Horton; 358 items on insurance from the Berkshire Insurance Co., considerable numbers of medical works from Drs. C. N. Johnson and C. S. Stanton and Mrs. Charles J. Simons; more general collections from F. W. Schacht of Downers Grove and Mrs. Frieda Bach of Chicago; and five volumes containing 140 articles on smoke prevention from the committee of the Chicago Association of Commerce.

**Duplicates.** The sales of the year amounted to 14 bound volumes, 46 unbound volumes, 3 pamphlets and 23 numbers for \$53.63; many numbers of medical journals in bulk for \$23.25, and some of the South American material held on joint account for \$164.33. On priced exchange 3 bound volumes, 6 unbound volumes and three pamphlets, valued at \$39.05, have been sent; 39 bound volumes, 14 unbound volumes, 8 pamphlets and 5 numbers, valued at \$77.20, have been received. On piece for piece exchange 55 bound volumes, 51 unbound volumes, 17 pamphlets and 987 numbers have been sent; 235 bound volumes, 500 unbound volumes, 676 pamphlets and 2,038 numbers have been received.

Inventory. The eighth inventory has been begun and shelves 600 to 609 and 620 to 699 have been read. Of 62,000 volumes 44 were missing, but a systematic search resulted in finding 48 of those missing in the seventh inventory, and 167 serious misplacements were corrected. Eight volumes drawn from the shelves through the Delivery Desk were not returned but the chief offender was caught and six were recovered. On the regular shelves, therefore, there has been a net gain of two volumes.

Unfortunately the losses from the reading rooms are no fewer than in former years. From the main Reading Room eleven were lost and one recovered, from the Senn Room 24 were lost, making, therefore, a net loss of 32 for the year and a total loss of 403 in 19 years, or 1 in 875 volumes.

The mutilation of books has been rather less serious than usual, 21 cases having been found as against 33 in 1914; and the theft and mutilation of periodicals have been much less, 66 being missing and 57 found to be mutilated, as against 100 and 66 in 1914. These losses are due to the misconduct of a very few individuals, so that they vary unaccountably from year to year, but it is hoped that the better supervision of the new Periodical Room may cause a permanent improvement there.

Binding. On January 1st, 1915, there were at the binderies 686 volumes, and 10,025 were sent during the year; 15 were returned as incomplete, and 10,019 bound; leaving 677 at

the binderies December 31st, 1915. About one-quarter were bound by The Newberry Library. The cost of binding was \$9,980, an average of \$1.00 per volume. The cost of shelf-marking the accessions of the year, together with a considerable amount of repairing, inserting book-plates, and similar work. was \$1,604.

Catalogues. The Cataloguer reports that during the year 5,567 new titles have been prepared for print; 143 new titles typewritten; 115 titles prepared for print to replace old typewritten titles, and 28 to replace Library of Congress titles; 4,738 titles received from the Library of Congress and 38 from other libraries have been classified for the catalogues; 252 titles have been prepared for the co-operative analysis of serials. The total number of titles treated by the Cataloguer and Classifier and their assistants has been 12,387. The titles reprinted in correction of errors were 43 and for other alterations 853. Cards for 5,363 new titles and 969 reprinted titles were received from the printer; electroptyes for 655 new titles and 431 reprinted titles from the electrotypers. The total number of separate titles prepared for print to date is 105,067; of sets of cards received, 103,526; of electrotypes, 61,539.

The number of orders sent to the Library of Congress on triplicate order sheets was 7,647 and reports were received on all. There were cards for 2,514 titles on hand January 1st, 1915; 5,665 were received during the year, and 4 were taken from the file of those previously withdrawn; cards for 5,104 were used, and for 510 withdrawn from the file, leaving those for 2,569 on hand December 31st. Of those withdrawn 442 titles were returned to the Library of Congress and 10 were replaced by reprinted cards. Of the 5,665 titles received, 600 were analytical titles from 334 serial publications. Of the 2,569 titles on hand, 552 are for book orders before 1915, 861 for those of 1915, 247 for regular standing orders, and 909 for two special analytical orders.

The work of the Library in the co-operative analysis of serials has been continued. It has supplied 252 titles and has received cards for 1,210. Of the titles received, 387 have been filed in the public card catalogues; one copy of 134 filed in the official catalogue; and 348 have been sold. A revision of the

list of serials has now been made and it is hoped that the change will make a larger proportion of the titles available for the public catalogue. Meanwhile an attempt has been made to utilize more fully those already received. One copy of each is filed under the author in the official catalogue and a subject index under the headings on the cards has been arranged. This has been in preparation for some time but has recently been completed and put in use. There are 29,436 cards in the subject index.

There have been added 29,584 cards to the classed catalogue, which now contains some 170,700 titles on 442,088 cards, an average of 2.59 cards per title; 18,854 cards have been filed in the author catalogue, which now contains the same 170,700 titles on 301,696 cards, an average of 1.77 cards per title; 1,057 guides and 6,101 cards have been added to the subject index, which now contains 25,030 guides and 63,910 cards covering 148,400 titles, an average of 0.43 card per title.

The distribution of the cards in the classed catalogue, by departments, is shown in the following table:

	CAR	DS
DEPARTMENT	1915	TOTAL
General Works	10,065	147,503
Social Sciences	8,608	113,350
Physical Sciences	1,084	30,197
Natural Sciences	2,547	49,312
Medical Sciences	2,911	33,682
Applied Sciences	4,369	68,044
Total	29,584	442,088

Of the 170,700 titles in the public catalogues about 102,300 are on cards printed by the Library, about 55,100 on Library of Congress cards, about 11,800 on A. L. A. co-operative cards, 318 on other printed cards, and about 1,100 are typewritten.

The index of government and state publications and the analytical index of the U. S. Bureau of Education have been consolidated. Some 10,000 cards were added during the year and the total number is 112,808.

While the total routine work of the cataloguing staff is less than last year's record figure yet, after allowance is made for several long illnesses and absences, the amount is very satisfactory. As the supply of foreign books has been irregular and scanty, much work has been done on the arrears, mostly on the Gerritsen purchase and the Newberry medical collection. The total of arrears of all kinds has been reduced from 922 shelves to 829; of these 144 are Orientalia, which cannot be treated by the regular staff, and 91 are pamphlets which will require only summary treatment.

At the request of a committee of the American Library Association the Library determined the cost of cataloguing one hundred books, chosen to form a fair average of difficulty. The cost in time was \$57.70 and for composition, stock and presswork on the printed cards, \$25.81 or a total of \$83.51. This is somewhat but not much more than had been anticipated, and is considerably above the average for American libraries; but it should be remembered that only the larger university libraries have work of equal difficulty and that their catalogues have not the same breadth of plan.

A similar determination of the cost of using Library of Congress cards showed a saving of over \$17.00 per hundred titles in the preparation of the titles and of less than \$6.00 for the cards themselves, making the total cost for one hundred of these titles about \$60.00.

Exhibitions and Meetings. The Library joined in the collective exhibit of the American Library Association at the Panama-Pacific Exposition, in San Francisco, from May to December. The set of publications and the sample catalogue exhibited at Leipzig were supplemented by photographs and other material.

The Library was represented officially by the Librarian and unofficially by three other members of the staff at the annual meeting of the American Library Association at Berkeley, June 3rd to 9th; and officially by the Assistant Librarian and unofficially by thirteen other members of the staff at the annual meeting of the Illinois Library Association at Urbana, November 3rd to 5th.

Staff. The resignation, because of her marriage, of Miss Margery C. Cooper, junior assistant, after a very efficient service of five years, is the only loss from the staff above the grade of attendant. The other resignations were Miss Lucy

A. Curtis and Mr. G. V. Mariotti, attendants, and George Fleck, page. One page was dismissed.

The following appointments have been made: Mr. H. E. Roelke of Brown University Library as the second Assistant Reference Librarian; Miss Harrie E. Brooke, junior assistant; Mr. Anthony Gabler and Mr. John Kolenburg, attendants; Wm. Sherden, A. Weimer, Edward Boin, and George Nelson, pages.

The following have given or are giving temporary service: Mr. J. Christian Bay as Medical Reference Librarian; Miss Grace Kelley as Assistant Classifier; Misses Harriet E. Penfield and Agnes M. Cole as senior assistants; Misses Florence E. Durkee, Beatrice Mulford, Anna D. White, and Cornelia Wyse as junior assistants; Misses R. B. Lane and R. Westlund and Mr. W. F. Stone as attendants.

Although the changes in the staff have been remarkably few, the large number of illnesses due to the prevailing epidemic of colds and grip has been a very serious drawback. In spite of this the foregoing record of work accomplished would appear to be quite satisfactory and it is hoped that the Board will so consider it.

Respectfully submitted,

CLEMENT W. ANDREWS,

Librarian.

Chicago, January 20, 1916.

LIBRARY STATISTICS: I

RECORD OF ATTENDANCE AND USE FOR 1915

	JAN.	FEB.	Мавсн	FEB. MARCH APRIL		JUNE	MAY JUNE JULY AUGUST	August	SEPT.	Ост.	Nov.	DEC.	Toral 1915	TOTAL 1914	IN- CREASE PER CT.
Visitors Daily Average	15,111	15,198	16,778	14,530	14,394	12,233	12,015	11,432	12,029	15,140	16,239	15,064	170,163	15,111 15,198 16,778 14,530 14,394 12,233 12,015 11,432 12,029 15,140 16,239 15,064 170,163 160,380 581 633 621 559 559 559 559 559 559	6.04
Calls for Books from Stack	17,659 679 1,705	16,825 701 1,564 65	19,138 709 1,630 60	18,003 692 1,463 56	16,920 651 1,514 58	13,690 527 1,348 52	13,142 487 1,238 46	12,447 479 1,367 53	12,548 483 754 29	17,070	20,961	17,099	195,502 625 *12,583	176,368 564 18,765	10.8
s Admitted to Stack	295	265	328	348	307	295	358	345	355	371	356	390	4,013	2,472	62.3

Smallest attendance, 138 on Dec. 25th. Largest attendance, 988 on Nov. 27th. Smallest number of calls for books, 192 on Dec. 25th. Largest number, 1,423 on Nov. 13th. \*Total for 9 mos. Periodical Room opened Oct. 1st.

18,765 \*12,583 60 54 195.502 4,013 170,163 Volumes in Library 29,141 43,061 65,645 76,432 89,219 103,291 123,018 142,971 197,440 215,144 232,403 251,281 268,153 286,829 307,350 322,049 337,138 353,394 1915 2,472 92,244 101,839 109,676 130,049 134,579 138,353 143,858 154,834 157,893 160,380 1 296 321 351 414 430 442 462 493 505 513 104,435 108,662 107,006 124,819 139,386 142,262 156,314 176,368 334 346 343 399 447 453 500 564 1914 17,693 3,466 1913 17,784 4,018 1912 2,460 19,707 1161 19,990 2,430 0161 20,261 2,437 909 20,980 I,681 I,690 I,944 2,67I 8061 14,722 17,449 47 56 COMPARISON BY YEARS 1997 67,386 113,565 216 363 9061 15,472 1905 15,178 809'1 87,494 59,561 1904 50,264 76,429 13,264 1,193 1903 54,828 66,512 175 213 9,741 12,250 39,606 1,019 1,046 1,167 1902 32,193 103 1901 23,996 18,584 30,516 41,697 80 99 134 8,667 1900 929 6,995 15,367 3 7,213 1898 3,864 359 1897 9 MOS. Daily Average \_\_\_\_ from Alcove - - -Daily Average Calls for Books from Stack. Daily Average

						ACCE	ACCESSIONS				6		
SUBJECTS		OR	URDERS		Voi	VOLUMES	PAMP	PAMPHLETS	PERIO	FERIODICALS	KEC	KECORDED USE	SE
	I	1915	Total	tal	1915	Total	1915	Total		1915		1915	
	Vol.	Est. Cost*	Vol.	Est. Cost*	No.	No.	No.	No.	No.	Cost*	Books	Periodic'ls (9 mos.)	Stack
	4,431	\$ 1,930	61,723	\$ 67,647	400	17,357	1 1 1	29,719		1 1 1	2,077		1
o Miscellaneous	157	\$ 263	2,617	\$ 6,042	9	1,264	341	6,115	12	\$ 17	4,020	63	17
1 Bibliography	213	632	4,989	13,454	331	7,172	160	10/1	143	172	1,524	121	٠ ٣
2 Library Économy	73	55	1,945	2,018	187	3,004	69	1,204	67	20	894	57	۱ د
3 Cyclopedias	30	83	1,481	3,014	47	1,623	I	24	1	-	169	1	H
4 Collected Works of Authors -	27	29	387	1,051	24	423	н	OI	1	1	313	1	;
5 General Periodicals	134	160	3,649	4,496	370	6,654	165	1,033	117	283	4,056	2,858	∞
6 General Societies	80	250	5,119	15,042	175	899'9	2	8	121	161	2,502	29	6
7 Exhibitions and Museums	45	30	1,501	1,894	33	1,663	4	384	30	∞	325	I	1
10 Philosophy	177	603	2,251	3,646	74	2,207	7	218	18	18	400	34	Ŋ
13, 15 Psychology	150	223	2,484	3,378	215	3,063	115	299	48	74	8,569	192	23
40 Philology	13	57	1,074	2,216	35	1,105	28	124	ł	1	858	-	יע ו
go History and Geography	296	825	7,285	15,452	742	8,922	405	2,392	18	9	6,388	63	32
91 Cartography	96	802	2,699	7,298	284	4,003	51	26I	34	77	1,421	811	4
	1,503	\$ 4,084	42,541	106'64 \$	2,523	47,771	1,344	14,223	809	\$ 896	31,457	3,475	101
II.—SOCIAL SCIENCES:			1										
17 Ethics	229	\$ 201	1,548	\$ 1,361	262	1,772	123	. 757	12	ις •Α	2,559	12	61
20 Kellgion	82	107	785	1,083	OII	1,038	139	I,537	o,	3	1,025	51	9
30 General Works	277	341	4,535	5,234	335	4,318	I	717	49	122	4,379	230	20
31 Statistics	105	121	3,342	4,282	311	3,848	100	355	9	20	982	6	13
32 Dollitical Proposition	351	411	3,001	4,514	207	0,474	385	2,222	22	22	2,428	22	II
33 i olitical Economy	790	I,022	13,207	13,480	1,141	10,789	710	7,401	20I	500	9,164	1,044	õ
35 Administration (and Public	175	350	2,172	4,428	278	3,291	108	728	14	II	1,530	Ŋ	61
7	826	7.77	11,706	07001	1 010	200	000	0 11	ć	100	, d	6	1
36 Associations and Institutions	202	240	2.702	2,240	1,012	6813	255	4,7,4	2, 5, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,	50.7	4,155	100	/7
	412	484	8.856	8.200	660	T2.025	T.00.T	8.150	127	111	4.027	101	67
38 Commerce and Communica-	-	-				0061	16-1-	60-10-	1		Coch	1	1
	75	133	3,052	3,888	316	5,759	162	1,528	94	94	2,453	413	83
39 Customs, Folklore, etc	70	133	1,803	2,316	65	966'I	425	1,471	19	91	2,189	14	9
	3,754	\$ 4,207	58,300	\$ 65,029	5,525	90,425	4,123	30,697	763	\$ 950	38,605	2,149	320

\*To nearest dollar.

Subjects						りつい	ACCESSIONS		Direct		Dad.		The same
			URDERS		Vor	VOLUMES	PAMP	PAMPHLETS	PERIC	FERIODICALS	KEC	KECORDED USE	USE
	19	1915	T	Total	1915	Total	1915	Total	H	1915		1915	
III.—PHYSICAL SCIENCES:	Vol Est.	Est. Cost*	* Vol.	Est. Cost*	No.	No.	No.	No.	No.	Cost*	Books	Periodic'ls (9 mos.)	Stack
50 General Works	82	\$ 228	8 4,680	·A		4,394	I	203	49	98	871	14	61
51 Mathematics	105	262			106	4,317	3	225	4T	86	3,039	7	37
52 Astronomy	36	100			93	4,386	H	. 430	49	77	1,438	29	10
	147	27	4 6,897	11,789		8,189	1,086	3,586	71	961	8,000	381	180
54 Chemistry and Mineralogy	130	252			151	6,927	89	950	51	245	5,903	118	310
	200	\$ 1,125	5 26,383	\$ 48,532	635	28,213	1,159	5,394	261	\$ 702	19,257	587	539
IV.—NATURAL SCIENCES:		\$ 426		\$ 12,571	282	7,421	67	1,184	III	\$ 18I	2,549	∞	38
-	7	3	37 740		40	817	6	94	∞	41	49	1	н
57 Biology and Natural Sciences in General	184	290	5 0.145	28,774		0.016	30	518	101	415	3,771	20	84
58 Botany	276	75				6,310	43	495	108	247	1,848	20	44
59 Zoology	417	1,256		38,217	389	9,391	63	1,086	140	513	4,182	78	83
1	926	\$ 3,439	9 31,298	\$ 102,738	1,444	33,855	212	3,377	558	\$ 1,397	12,399	135	250
VMedical Sciences	1,327	\$ 4,640	0 76,409	\$106,154	2,078	66,904	1,203	25,045	759	\$ 1,490	30,751		1,304
VI.—APPLIED SCIENCES:									4				
60, 70 General Works	143	\$ 238		€Ģ.		7,737	1,835	2,351	81	621 \$	2,714		507
63 Agriculture	182	1,005	8.772		9000	19,571	429	3,102	200	540	6,040	, ,	320
64 Domestic Economy	40	""		1,771		2,177	75	380	13	17	2,236	65	17
65 Trade and Transportation	44I	632	7,984	_		8,385	210	1,639	84	135	10,152	655	139
66 Chemical Technology	200	424		Н		5,977	180	846	62	242	8,854	271	348
67, 68 Manufactures and Trades.	500	28				4,375	118	765	19	LO1	4,549	380	48
69 Building	40	IC	2,036		93	2,476	20,	381	27	92	3,233	395	22
71 Landscape Gardening	13		8 816			1,001	91	370	7	15	207	87	1 1 2
72 Architecture	18		4 1,073	3,632		I,771	7	138	ı	8	1,744	22	15
73-70 Drawing, Design, etc	33	119			132	2,038	30	171	6	14	2,700	93	12
77 Photography	27	3	34 1,353		İ	2,050	22	257	29	33	I,474		01
	1,853	\$ 3,169	9 54,418	·A	3,651		3,462	14,369	800	1	926'09	6,237	
Total I,	14,344	22,594	٠.,	558,900	16,256	353,394	11,503	122,824	3,7581	416,914	195,502	12,583	4,013

## LIST OF DONORS IN 1915

Volumes Pamphle		Volumes of Pamphlet	
Aarhus, (Den.), Statshiblioteket	3	American Association of Unemployment, New	
Abel, A. S., Co., Baltimore	1	York	I
Aberdeen University	I	American Bison Society, Groton, Mass	ľ
— Library.  Abt, Dr. Joseph L., Chicago.  Academia de Sciencias de Portugal, Lisbon  Academy of Science of St. Louis.	2 T?	American Brewers' Review Co., Chicago American Bureau of Public Speaking, Chicago.	2
Academia de Sciencias de Portugal. Lishon	2	American Canoe Association New York	T
Academy of Science of St. Louis	I	American Chemical Society, Chicago	ī
Acme Machinery Co., Cleveland	I	American Civic Association, Washington, D. C.	ï
Actuarial Society of America, New York	I	American Canoe Association, New York American Chemical Society, Chicago. American Civic Association, Washington, D. C. American Coal Products Co., New York	6
Adair, Dr. B. A. Owens, Warrenton, Ore	r	— Agricultural Dept	5
Adams Company, Dubuque	5	Vorb	
Adams Truck Foundry & Machine Co. Find-	4	York. American Elevator & Machine Co., Louisville.	1
lav. O	I	American Ever Ready Co., New York	3
lay, O. Adams, W. F., Springfield, Mass. Adamson Machine Co., Akron, O. Adelaide (South Australia) Chamber of Com-	I	American Ever Ready Co., New York.  American Farming Publishing Co., Chicago  American Facetration of Labor, Washington, D.C.  Motal Trades Dept.	I
Adamson Machine Co., Akron, O	6	American Federation of Labor, Washington, D.C.	5
Adelaide (South Australia) Chamber of Com-		American Federation of Labor, Washington, D.C. — Metal Trades Dept. — Union Label Trades Dept. American Flint Glass Workers' Union, Toledo. American Food Journal, Chicago. American Gynecological Society, New York. American Hampshire Sheep Association, Cold Water, Mich.	2
merce	I	- Union Label Trades Dept	2
Advor (India) Library	ī	American Food Journal Chicago	I
Ajax Manufacturing Co. Chicago	2	American Gynecological Society, New York	Ť
Adyar ( <i>India</i> ) Library	23	American Hampshire Sheep Association, Cold	^
— Dept. of Agriculture and Industries	5	Water, Mich. American Highspeed Chain Co., Chicago	I
— Dept. of Archives and History	6	American Highspeed Chain Co., Chicago	2
— Dept. of Education	2	American Hospital Association, Detroit	I
— Geological Survey	I	American Humane Association, Albany American Institute of Architects, Washington,	2
Dept. of Agriculture and Industries.  Dept. of Archives and History. Dept. of Education. Geological Survey. Live Stock Sanitary Board. State Board of Health.	Y .	D C	т
- State Game and Fish Commissioner	ī	D. C	-
— State Game and Fish Commissioner  — State Highway Commission	3	New York	I
- State Prison Inspector	2	New York	
- State Tax Commission	I	burg	I
— Supt. of Banks	1	Non Vorb	v
Nem Varb	I	New York	T
Albany Medical College	1	- Bureau of Statistics, Philadelphia	9
— Alumni Association Alberta, Dept. of Education	r	American Issue Publishing Company, Wester-	-
Alberta, Dept. of Education	2	ville, O	I
Alexander Hamilton Institute, New York	I	American Jewish Committee, New York American Journal of Orthopedic Surgery,	5
Alfred (N. Y.) University Allegheny College, Meadville, Pa	Ť	Philadelphia	Y
Allegheny County Medical Society, Pittsburg	2	Philadelphia American Journal of Public Health, Boston	ī
Allegheny (Pa.) Observatory	I		
Alliance Française, Paris	6	Chicago.  American Judicature Society, Chicago.  American La France Fire Engine Company, Elmira, N. Y.  American Laryngological Association, New	I
Aluminum Company of America, Chicago	I	American Judicature Society, Chicago	5
Alumni Social Service Bureau, Boston	T.	Fluira N V	2
Alvord, John W., Chicago	î	American Larvngological Association, New	-
Alvord and Burdick, <i>Chicago</i>		American Laryngological, Rhinological and Otological Society, New York.  American Leather Chemists Association, New York	1
		American Laryngological, Rhinological and	
Detroit	2	Otological Society, New York	I
American Academy of Onbthalmology and	I	Vorb	2
Oto-Larvngology, Chicago	2	York	3
American Anti-Boycott Association, New York	5	American Locomotive Company, New York	4
American Association for Labor Legislation,		American Lumberman, Chicago	I
New York	2	American Manufacturers' Export Association,	
Detroit.  Amarillo, (Tex.) City Clerk  American Academy of Ophthalmology and Oto-Laryngology, Chicago  American Anti-Boycott Association, New York  American Association for Labor Legislation, New York  American Association of Commerce and Trade in Berlin.		New York	I
in Berlin	42	American Medical Association, Chicago	58
Workers, East Lansing, Mich	3	- Committee of Public Health Education	5-
American Association of Freight Agents, East		American Medical Association, Chicago, 1,1:  — Committee of Public Health Education among Women, Des Moines  American Medico Psychological Association, Binghanton, N. Y.  American Mining Congress, Washington, D. C.  Arreican Museum of Natural History, New	I
St. Louis, Ill	2	American Medico Psychological Association,	_
American Association of Genito-Urinary Sur-		American Mining Congress Washington D.C.	I
geons, New York	1	American Museum of Natural History New	3
Gynecologists, Cincinnati	I		2
Gynecologists, Cincinnati		American Museum of Safety, New York American National Live Stock Association,	I
Officers, Boston	I	American National Live Stock Association,	
American Association of Kailway Surgeons,	-	Denver American National Red Cross Association,	I
Chicago	5	Washington, D. C.	T

Volumes or	Volumes or
Pamphlets.	Pamphlets.
American Ophthalmological Society, Phila- delphia	Anti-Saloon League of America, Washington,
American Osteopathic Association, New York	Anti-Socialist Press, New York.  Appeal Publishing Co., Girard, Kan.  Appel, Theodore, Chicago.  I Apprenticeship and Skilled Employment Association Lordon
American Otological Society, New York 3 American Peace Society, Boston	Appeal Publishing Co., Girard, Kan
American Peace Society, Boston. I American Peace Society, Washington, D. C. I American Pediatric Society, Washington, D. C. I American Pharmaceutical Association, Colum-	Appel, Theodore, Chicago
American Pharmaceutical Association, Colum-	ciation, London
bus, O I	ciation, London
American Photo Engraver, Chicago	Arcade Manufacturing Co., Freeport, Ill 2
Chicago I	Arctic Ice Machine Co., Canton, O 6
American Pin Co., Waterville, Conn	Argentine Republic, Dirección General de
D. C	Comercio e Industria
American Practitioner. New York. 1 American Proctologic Association, St. Louis. 1	- Ministerio de Agricultura 6
American Public Health Association, Boston 2 American Radiator Co., Chicago	- Dirección General de Minas, Geologia e
American Radiator Co., Chicago	Hidrologia 4 — Ministerio de obras publicas 2 Arizona Agricultural Experiment Station 14
Operation to Legislation	Board of Control
American Railway Bridge and Building Asso-	— Corporation Commission 2
ciation, Chicago I American Railway Engineering Association,	- State Mine Inspector 4
Chicago	- State Supt. of Public Instruction
ciation, Chicago 4	- State Tax Commission
ciation, Chicago	Arkansas Agricultural Experiment Station 12
American Red Cross, Washington, D. C. 2 American Revolving Door Co., Chicago. 1 American School of Correspondence, Chicago. 7 American School of Home Economics, Chicago 3	- Auditor of State 2 - Secretary of State 1
American School of Correspondence, Chicago 7	— Secretary of State
	Art Commission of the City of New York I
American Society for Judicial Settlement of International Disputes, Baltimore 6 American Society for the Control of Cancer,	Art Metal Construction Co., Jamestown, N. Y. 6 Asamblea Regional de Medicos y Farmceuticos,
American Society for the Control of Cancer,	Manila
New York	Asbestos Protected Metal Co., Beaver Falls, Pa. 3 Ashmolean Natural History Society of Oxford-
New York	
New York	Ashton-under-Lyne (Eng.), Public Free Library 2 Askenstedt, Dr. Fritz C., Louisville
New York  American Society of Heating and Ventilating	Asociación Internacional para la Protección
Engineers, New York	Associated Banks, Trust Companies and
American Society of Military Law Madican	Dankers of Doston
New York	Associated Churches and Charities, Syracuse,
Chicago I	N. Y
Chicago. 1  American Steam Pump Company, Battle Creek 2  American Steal and Wire Co., Chicago. 347  American Sugar Refining Co., New York. 347  American Sunday School Union, Chicago. 3  American Surgical Association, 5t. Paul. 1  American Swiss File and Tool Co., New York. 1  American Telephone and Telegraph Co., New York. 1	Associated Jewish Charities, Chicago
American Sugar Renning Co., New York 2 American Sunday School Union, Chicago 3	Association des Anciens Elèves de l'École
American Surgical Association, St. Paul	Polytechnique, Moniteal
American Telephone and Telegraph Co., New York. 1	American Branch, New York
	Chicago 1 Association of American Physicians, Phila-
American Tool Works Co., Cincinnati	delphia
American Urological Association, Cleveland 3 American Vanadium Co., Pittsburg 1	Association of American Portland Cement Manufacturers, Philadelphia
American warehousemen's Association, Puts-	Association of American Railway Accounting
hurg	Officers, Washington, D. C
S. C	Association of Collegiate Alumnae, Chicago 1
American Well Works, Aurora, Ill	Association of Correctors of the Press, London 2 Association of Day Nurseries of New York City 1
	Association of Government Labor Officials,
Ames, B. C., Co., Waltham, Mass.	Association of Government Labor Officials, Kansas City, Mo
more I I Amerika-Institut, Berlin IS Ames, B. C., Co., Waltham, Mass 2 Amherst College. I Amsterdam, Kamer van Koophandel en	
Fabrieken 2	Association of Ontario Land Surveyors, Toronto Association of Railway Telegraph Superintendents Chicago
Anderson, Albert & J. M., Mfg. Co., Chicago. 3	tendents, Chicago
Anderson, John R., Co., New York 1 Andover Theological Seminary, Cambridge,	Association of Transportation and Car Account-
Andreae Percy Cincinnati	ing Officers, New York
Andrews, Clement W., Chicago	America, Ann Arbor
Andrews, Clement W., Chicago	America, Ann Arbor

Volumes or	Volumes or
Pamphlets.	D 11.
Atchison, Topeka & Santa Fé Railway Co., Supervisor of Apprentices, Topeka, Kan. 34 Athol Machine Co., Athol, Mass. 3 Atlanta Chamber of Commerce. 2	Pamphiets   Pamp
Athol Machine Co. Athol Mass	Berger, C. L., & Sons, Boston
Atlanta Chamber of Commerce	Berkeley City Club.
Atlanta University. 9 Atlantic Deeper Waterways Association, Phila-	Berkshire Athenæum, Pittsfield, Mass 1
Atlantic Deeper Waterways Association, Phila- delphia	Berlin Mills Company, Portland, Me.
del phia. 4 Atlantic Monthly, Boston. 2 Atlas Paint Co., New York. 1 Augustana College, Rock Island, Ill. 1 Augustana Hospital, Chicago. 1 Australesian Association for the Advancement	Bern, Stadtbibliothek
Atlas Paint Co., New York	Berriman, Charles S., New York
Augustana College, Rock Island, Ill	Best Manufacturing Co. Pittsburg
Austin Publishing Co., Los Angeles	Bethlehem Steel Corporation, New York
	Bethlehem Universal Bending Machine, South
of Sciences, Adelaide	Bethlehem Universal Bending Machine, South Bethlehem, Pa
Commonwealth Dissers of Materialogs	Big Sisters Inc., New York
— Dept. of Agriculture 9	Biggs Boiler Works Co., Akron, O 4 Billings-Chapin Co., Cleveland
- Dept. of External Affairs 4 - Public Service Commission 1	Binghamton (N. Y.) Public Library
Australian Museum, Sydney 2	Bird & Son, Chicago 3
- Commonwealth Butter of Interestings 3 - Dept. of Agriculture	Bird & Son, Chicago. 3 Bird & Son, East Walpole, Mass. 1 Birmingham Free Libraries Committee. 6
N. J	Birmingham Free Libraries Committee 6 Bishop, William Warner, Ann Arbor 2 Blackburn (Eng.) Free Library, Museum and
Ayer & Lord Tie Co., Chicago 2	Blackburn (Eng.) Free Library, Museum and
Ayer, N. W., & Son, Philadelphia I Ayrshire Breeders' Association, Brandon, Vt I	Play Steel Construction Co. Pittshurg
Ayisulie Breeders Association, Drandon, VI 1	Blau Steel Construction Co., Pittsburg 2 Bliss, E. W., Co., Brooklyn 1
Babcock Printing Press Mfg. Co., New York I	Blount, J. G., Co., Everett, Mass I
Bach, Frieda, Chicago	Bodleian Library, Oxford
Bach, Frieda, Chicago 90 Bacon, Raymond F., Pittsburg 1 Badge, E. B., and Sons Co., Boston 1 Bailey, Dr. E. Stillman, Chicago 2 Baillie's Institute, Glasgow 1 Bainbridge, Dr. William Seaman, New York 11 Baind North Co.	Bliss, E. W., Co., Brooklym. 1 Blount, J. G., Co., Everett, Mass. 1 Bodleian Library, Oxford. 1 Boggila, Hon. J. E., Chicago. 3 Bolivian Legation, Washington, D. C. 4 Bologna, Biblioteca Comunale. 1 Bombay Settlement Commissioner & Director
Bailey, Dr. E. Stillman, Chicago	Bolivian Legation, Washington, D. C 4 Bologna, Biblioteca Comunale
Baillie's Institute, Glasgow I	of Land Records, Poona, India
Baird North Co., Providence	Bookseller, Newsdealer and Stationer, New York 2
Baird North Co., Providence I Baker, J. T., Chemical Co., Phillipsburg, N. J. 4 Bakers' Journal and Deutsch-Amerikanische	Bookseller, Newsdealer and Stationer, New!York 2 Boomer & Boschert Press Co., Syracuse, N. Y. 1
Baker-Zeitung, Chicago	of Land Records, Poona, India
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— Health Dept. 3 — Recreation Dept 1 — Free Library 1 Oberlin (0,) College 3	— Office of Public Roads and Highways 2
Oberlin (O.) College	Inspector of Factories
— Library . r . r . r . r . r . r . r . r . r .	— Inspector of Hospitals and Public Charities. 10 — Legislative Assembly
Observatoire d' Abbadia, Hendaye, France 2	- Legislative Assembly r Provincial Board of Health 7
Observatorio Astronomico Nacional de Tacu-	- Provincial Geologist
baya, Mexico	Registrar General 1     Registrar of Friendly Societies 1
Observatory, Perth, W. A. 6 Occidental College, Los Angeles 6 Oesterlein Machine Co., Cincinnati 1	Operative Miller, Chicogo
Oesterlein Machine Co., Cincinnati	Oregon, Agricultural Experiment Station 13
Office Appliances, Chicago	Board of Health. 2     Bureau of Mines and Geology. 1
O'Halloway, George F., Ottawa, Can	- Conservation Committee 2
O'Halloway, George F., Ottawa, Can. 2 Ohashi Public Library, Tokyo. 2 Ohio, Adjutant General. 3	- Fish and Game Commission 1 - State Library 72
— Agricultural Commission	
— Dairy and Food Division	of Texas of its Institutions of Higher
— Auditor of State 7	Education, Austin 5
- Board of Administration 5 - Board of Public Works 3	Organization for the Enlargement by the State of Texas of its Institutions of Higher Education, Auslim
— Civil Service Commission	Osaka (Japan) Library
— Geological Survey	Osaka Shosen Kaisha Steamship Line, Chicago. 1 Osborn Manufacturing Co., Cleveland 1
— Highway Dept. 1 — Industrial Commission 12 — Inspector of Buildings and Loan Associa-	Oster Manufacturing Company, Cleveland 5
- Inspector of Buildings and Loan Associa-	Ostrander-Seymour Co., Chicago
tions 2 — Insurance Department 8	Oster Manufacturing Company, Cleveland. 5 Oster Manufacturing Company, Cleveland. 5 Ostrander-Seymour Co., Chicago. 1 Oswego (N. Y.) Machine Works. 1 Otis Elevator Company, New York. 8 Ottawa (Ill.) Tuberculosis Colony. 1
— Legislative Reference Dept.         7           — Secretary of State.         13	Ottawa (Ill.) Tuberculosis Colony r Ottumwa (Ia.) Public Library
State Board of Charities 1 State Board of Health 4	Ottumwa (Ia.) Public Library
- State Board of Health	Oxford University Press, American Branch, New York
- State Fire Marshal	Α.
— State Highway Commission.       3         — State Library.       60         — State Medical Board.       2	Packard Motor Car Co., Detroit
- State Medical Board 2	Pädagogische Zentralbibliothek, Leipzig 3
—— Library r Ohio Mechanics Institute, Cincinnali 3 Ohio Municipal League, Cleveland r Ohio, State University, Columbus O. 90	Paint, Oil and Drug Review, Chicago
Ohio Municipal League, Cleveland	Panama, Dirección General de Estadistica 32 Panama Canal, Chief Health Officer 3
Ohio, State University, Columbus O	Panama Canal, Chief Health Officer
Ohio University, Athens. 6 Ohio Wesleyan University, Delaware, O. 2 Oil Mill Superintendent's Association, Wharton,	— Governor
	Chicago r Panama-Pacific International Exposition, San
Oil, Paint and Drug Reporter, New York. 2 Oil Well Supply Co., Pittsburg. 1	Francisco
Oklahoma Agricultural and Mechanical College.	Paris Chambre de Commerce
Stillwater	Parke, Davis & Co., Detroit 5
Stillwater	Paris Chambre de Commerce 20 Parke, Davis & Co., Detroit 5 Parker, Francis M., Chicago 1 Parker, Sir Gilbert, London 21 Parker, Commander, Thomas Drayton Relige.
- Bank Commissioners	Tarker, Commander Thomas Drayton, Bester
- Corporation Commission	Parlin Memorial Library, Everett, Mass
Geological Survey	Pasadena (Cal.), Auditor
— State Board of Agriculture 2  — State Election Board 1	- Municipal Lighting Works Dept 3 Passaic (N. J.) Public Library r
- State Fire Marshal	Passavant Memorial Hospital, Chicago 1
— State Election Board	Pasadena (Cal.), Auditor I — Municipal Lighting Works Dept. 3 Passaic (N. J.) Public Library I Passavant Memorial Hospital, Chicago I Paterson (N. J.) Free Public Library I Pathological Society of Philadelphia. I Pathology
O'Laughlin, John C., Washington, D. C	Pattern Makers' Journal, Cincinnali I
Olney, Raymond, St. Joseph, Mich	Peabody (Mass.) Institute
Olschki, Leo S., Florence, Italy	Peabody Museum, Salem, Mass
Olson, August, Chicago	Pedersen, Dr. Victor Cox. New York
Omaha (Neb.) Sunday Bee	Peabody (Mass.) Institute  Peabody (Mass.) Institute  1 Peabody Museum, Salem, Mass.  2 Pease, C. F., Co., Chicago.  1 Pedrsen, Dr. Victor Cox. New York  2 Peerless Motor Car Co., Cleveland.  1 Peniusula Horticultural Society, Dover, Del.  1 Pennusulayais, Agricultural Experiment Serving.
	1 chilisylvania, Agricultural Experiment Station 2
Ontario, Auditor	- Department of Agriculture 15

Volumes or Pamphlets.	Volumes or Pamphlets.
Pennsylvania, Dept. of Forestry	Plainfield (N. J.) Public Library
— Dept. of Health	Plainfield (N. J.) Public Library I Plate-Makers Criterion, Chicago I Plumbers, Gas and Steam Fitters Journal,
— Dept. of Labor and Industry	Plumbers, Gas and Steam Fitters Journal,
— Division of Distribution of Documents19 — Free Library Commission	Chicago. 2 Polacheck, Charles, & Bro., Co., Milwaukee. 1 Port Elizabeth (Soulh Africa) Public Library. 2 Portland (Me.) Board of Trade. 1 Portland (Me.) Public Library. 1 Portland (Ore.) Chamber of Commerce. 4 Portland (Ore.) Municipal Reference Library. 4 Ports Bibliotheca Publica Municipal Restated
- Pharmaceutical Examining Board 3	Port Elizabeth (South Africa) Public Library. 2
- Pharmaceutical Examining Board. 3 - Public Service Commission. 1 - State Board of Censors. 1	Portland (Me.) Board of Trade
- State Board of Censors	Portland (Me.) Public Library
- State Library	Portland (Ore.) Chamber of Commerce 4
- State Railroad Commission I Pennsylvania, Central State Normal School,	Porto, Bibliotheca Publica Municipal, Portugal
Pennsylvania, Central State Normal School,	Porto Rico, Bureau of Information
Lock Haven 6 Pennsylvania Home Teaching Society & Free	— Dirección de Sanidad
Circulating Library for the Blind, Phila-	— Secretary's Office
del bhia	Postal Life Insurance Company, New York
delphia. 7 Pennsylvania Hospital Ayer Clinical Laboratory, Philadelphia. 1 Pennsylvania Institution for the Instruction of the Rivid Openhamb	Potter & Johnston Machine Co., Chicago 3 Practical Magazine of Efficient Management,
tory, Philadelphia	Practical Magazine of Efficient Management,
the Blind Overbrook	Chicago         3           Prairie Farmer, Chicago         3           Pratt & Lambert, Buffalo         4           Pratt & Whitney Company, Chicago         2           Pratt, Brig, Gen. R. A., Washington, D. C         2
the Blind, Overbrook	Prairie Farmer, Chicago
Pennsylvania State College 2	Pratt & Whitney Company, Chicago 2
Pennsylvania State College	Pratt, Brig. Gen. R. A., Washington, D. C 2
Penuelas, Manuel C., Chicago	Fiatt institute, Drooktyn
	Presbyterian Church in U. S. A., Board of Home
Peoples Institute of Brooklyn r	Missions, New York 5
Peoples Institute of Brooklyn         1           People's Institute, New York         7           Peoria (III.) Board of Trade         1           Peoria (III.) City Comptroller         1	- Free Library. 10 Presbyterian Church in U.S. A., Board of Home Missions, New York. 5 Presbyterian Hospital, Chicago. 1
Peoria (III.), Board of Trade	Valuation of the Dailers de die 17 't
Percheron Society of America, Unicaro	Valuation of the Kairroads of the United States, Washington, D. C
Perkins Institution, Watertown, Mass. r Peter Bent Brigham Hospital, Boston. 30 Peyton, Dr. D. C., Jeffersonville, Ind. 3	Pressed Metal Radiator Co., Pittsburg. 3 Price, Waterhouse & Co., New York. 1
Peter Bent Brigham Hospital, Boston	Price, Waterhouse & Co., New York
Philadelphia, Board of Commissioners of Navi-	Princeton (N. J.) Theological Seminary 4 Princeton (N. J.) University
gation	- Library 5
gation 1  — Board of Directors of City Trusts 1  — Board of Public Education 5	- Library 5 - Observatory 1
- Board of Public Education 5	— Press 3
— Bureau of Surveys 1 — Commissioners of Fairmount Park 1	Progressive National Service, New York
- Commissioners of Fairmount Fark. 1 - Dept. of Public Works. 4 - Free Library. 18 - Housing Commission 2 - Mayor 18	
— Free Library	Providence Athenæum 2
— Housing Commission 2	Providence Chamber of Commerce 1
- Mayor	— Health Dept
Philadelphia Board of Trade	— Public Lihrary 1
	Providence Athenæum   2
Philadelphia Drying Machinery Co	Providence Journal
Philadelphia Orthopaedic Hospital and In-	Prudential Insurance Company of America.
firmary for Nervous Diseases	Newark, N. J.  Public Affairs Information Bureau, White Plains, N. Y.  Public Charities Association of Pennsylvania,
Philadelphia Pathological Societyr Philadelphia Textile Machinery Co7 Philadelphia Vacant Lots Cultivation Asso-	Public Affairs Information Bureau, White
Philadelphia Vacant Lots Cultivation Asso-	Public Charities Association of Pennsylvania
ciation	Philadelphia
Philippine Islands, Bureau of Agriculture 18	Philadelphia 2 Public Education Association of the City of
— Bureau of Customs	New York 2
— Bureau of Forestry	Public Education Association of Philadelphia. 1 Public Service Commission of Northern Illinois,
— Bureau of Justice	Chicago 2
- Bureau of Public Works 2	Chicago 2 Public Trustee, London 1
- Bureau of Science	Purdue University, Lafayette, Ind. 7 Putnam, Dr. C. R. S., New York. 1 Putnam, Eben, Wellesley Farm, Mass. 1 Pyrene Manufacturing Co., New York. 1
— Dept of Public Instruction	Putnam, Eben, Wellesley Farm, Mass
— Executive Bureau	Pyrene Manufacturing Co., New York 1
- Executive Bureau 3 - Legislature, Philippine Assembly 2	
Weather Bureau 3 Phillippine Library, Manila 1 Phillips Academy, Andover, Mass 5 Phillips Exeter Academy, Exeter, N. H 5 Photographic Progress, Philadelphia 1	Quaritch, Bernard, London
Phillips Academy, Andover, Mass 5	Fisheries
Phillips Exeter Academy, Exeter, N. H 5	— Dept. of Lands, Mines and Fisheries 2
Picher Lead Co. Chicago	- Minister of Public Works and Labour I
Picher Lead Co., Chicago	- Provincial Secretary
Pierce, Butler & Pierce Mfg. Co., Syracuse,	Queens University, Kingston, Ont
N. Y I	Queensland, Dept. of Agriculture and Stock 10
N. Y. I Pilcher Hospital, Brooklyn. 2 Pittsburg, Board of Public Education. 1	- Secretary for Public Instruction 33 - Mines Dept
- Bureau of Recreation	
Pittsburg, Fort Wayne and Chicago Railway	Radium Publishing Co., Pittsburg 2
— Bureau of Recreation	Radium Publishing Co., Pittsburg. 2 Railway Age Gazette, New York. 1 Railway Rusiness Association, New York. 2

Volumes or	Volumes	or
Pamphlets.	Pamphlet	ts.
Railway Club, Pittsburg I Railway Electrical Engineer, Chicago I	Rockefeller Institute for Medical Research,	5
Railway Electrical Engineer, Chicago I Railway List Co., Chicago 2 Railway Signal Association, Beliliehem, Pa 1 Railway Surgical Journal, Chicago I Randall, J. A., Brooklyn I Ransom, John Edward, Chicago I Rawie, Henry, New York I Ray Consolidated Copper Co., New York I Raymond & Whitcomb Co., Chicago 6 Raymond & Whitcomb Co., Chicago 6 Raymond & Whitcomb Co., Chicago 7 Redwood Library, Newport, R. 1 Redpath Chautauquas, Chicago 1 Redwood Library, Newport, R. 1 Redwood Manufacturers Company, San Francisco 4	Rocketeller Institute for Medical Research,	6
Railway Signal Association, Bethlehem, Pa I	New York. Rockefeller Sanitary Commission, Washington,	0
Railway Surgical Journal, Chicago	D. C	I
Randall, J. A., Brooklyn	D. C.  Rockford (Ill.) Chamber of Commerce. Rockford (Ill.) College. Rockford (Ill.) Public Library. Rockwell, W. S., Co., New York Rocky Ford Cantaloupe Seed Growers Company, Rocky Ford, Colo. Roebling, J. A., & Sons Co., Trenton, N. J. Roelke, H. E., Chicago. Roger Williams Park Museum, Providence. Rogers & Atwood Publishing Co., Boston.	2
Rawie, Henry, New York	Rockford (Ill.) Public Library	ī
Ray Consolidated Copper Co., New York I	Rockwell, W. S., Co., New York	1
Raymond & Whitcomb Co., Chicago 6	Rocky Ford Cantaloupe Seed Growers Com-	
Raymond & Whitcomb Co., New York 33 Reading Company, Philadelphia	Roebling, J. A., & Sons Co., Trenton, N. J	I
Real Estate News, Chicago	Roelke, H. E., Chicago	6
Redwood Library. Newbort. R. I	Roger Williams Park Museum, Providence	I
Redwood Manufacturers Company, San	Rogers & Brother, Waterbury, Conn.	2
Francisco 4 Reed & Barton, Taunion, Mass 4 Reed College, Porlland, Ore 4 Referendum, Faribauli, Minn 1	Rogers & Atwood Publishing Co., Boston Rogers & Brother, Waterbury, Conn Rogers, Corydon Eugene, Seattle. Rollins College, Winter Park, Fla Rollins, E. H., & Sons, Chicago Rome Manufacturing Co., Rome, N. Y. Roosevelt Hospital, New York. Rose Polytechnic Institute Terre House, Ind	1
Reed & Barton, Taunton, Mass 4	Rollins College, Winter Park, Fla	I
Reed College, Portland, Ore 4 Referendum, Faribault, Minn	Rome Manufacturing Co., Rome, N. Y.	9
	Roosevelt Hospital, New York	I
Regina (Sask.) Public Library		I
Reinhardt, W. A. A., Ballimore I Reliance Electric & Engineering Co., Cleveland.	Rosenberg Library, Galveston, Tex	7
Remington Machine Co., Wilmington, Del 4	— Mairie. Royal Alfred Observatory, Port Louis, Mauri-	ī
Rensselaer Polytechnic Institute, Troy, N. Y	Royal Alfred Observatory, Port Louis, Mauri-	
Reply, New Canaan, Conn	tius	2
ciation Denner	Royal Colonial Institute, London	4
Retail Coalman, Chicago	Royal Institute of British Architects, London	I
Pauban McMillan Eron Library Vaungetonn O	Royal Insurance Company, Washington, D. C. Royal Society for the Protection of Birds,	1
Revyen, Chicago	London	I
Reynolds Library, Rochester, N. Y	Royal Society of Arts, London	I
tion Agricultural Experiment Sta-	Royal Society of New South Wales, Sydney	3
— Auditor 3	Royal Society of Canada, Ottowa. Royal Society of New South Wales, Sydney. Royal Society of Western Australia, Perth. Royal Zoological Society of New South Wales,	I
Bank Commissioner	Royal Zoological Society of New South Wales,	
— Board of Control and Supply	Sydney	2
Board of Charities and Corrections	delphia.  Royle, John, & Sons, Paterson, N. J  Rubin, Jacob, New York	8
- Board of Metropolitan Park Commissioners I	Royle, John, & Sons, Paterson, N. J	I
— Board of Tax Commissioners	Rumania, Ministerul Industrii si Comertului,	4
- Commissioner of Forestry	Bukarest	1
— Factory Inspector	Rumely, M., Co., La Porte, Ind	I
Insurance Dept.   6	Rumania, Ministerul Industrii si Comertului, Bukarest. Rumely, M., Co., La Porte, Ind. Rummler & Rummler, Chicago. Rumsey & Co., Seneca Falls, N. Y. Rund Manufacturing Co., Pittsburg. Russell Sage Foundation, New York. — Committee on Women's Work. — Dept. of Child-Keeping. — Division of Remedial Loans. — Library.	I
— State Board of Agriculture 1	Rund Manufacturing Co., Pittsburg	10
- State Board of Pharmacy 1 - State Board of Public Roads 2	- Committee on Women's Work	2
— State Board of Public Roads 2 — State Commissioner of Birds 1	— Dept. of Child-Keeping	ΙÏ
— State Library 5	- Division of Remedial Loans	4
Rhode Island State College, Kingston 2 Rhode Island. State Normal School. Providence 6	— Library .  Russell, Samuel, Salt Lake City .  Rutgers College, New Brunswick, N. J .  Ryan, Daniel A., San Francisco .  Ryerson, Joseph T., & Son, Chicago .	12
Rhode Island State Sanatorium for Con-	Rutgers College, New Brunswick, N. J.	2
sumptives, Wallum Lake 7	Ryan, Daniel A., San Francisco	I
Rhodesia Chamber of Commerce, Bulawayo I		I
Rice, Barton & Fales Machine & Iron Co.,	S. K. F. Ball Bearing Co., New York	I
Worcester, Mass	Sachs, Dr. Theodore B., Chicago	I
Rice, Edwin A., Chicago	Sahud Dr Moses Chicago	35 25
Richards & Affeld, New York	St. Bride Foundation Printing School, London. St. Charles College, Catonsville, Md St. Elizabeth's Hospital, Chicago. St. Elizabeth's Hospital, Dayton, O.	II
Richardson, Geo. W., Chicago 2	St. Charles College, Catonsville, Md	I
Richmond (Va.), Health Department 2	St. Elizabeth's Hospital, Chicago	1
Richter, Robert, Berlin	St. Galler Feuerbestattungsverein. St. Johns College, Annapolis St. Joseph (Mo.), Free Public Library.	7
Rijksuniversiteit, Bibliotheek, Groningen 5	St. Johns College, Annapolis	4
State Commissioner of Birds. 1  State Library. 5 Rhode Island State College, Kingston 2 Rhode Island State Normal School, Providence 6 Rhode Island State Sanatorium for Consumptives, Wallum Lake. 1  Rhodesia Chamber of Commerce, Bulawayo. 1 Rhodesia, Dept. of Agriculture, Salisbury. 1  Rice, Barton & Fales Machine & Iron Co., Worcester, Mass. 1  Rice, Edwin A., Chicago. 1  Rice, Ioseph C., Denver. 1  Richards & Affeld, New York. 1  Richards & Affeld, New York. 1  Richardson, Geo. W., Chicago. 2  Richmond (Va.), Health Department. 2  Richter, Robert, Berlin. 1  Rijksuniversiteit, Bibliotheek, Groningen. 5  Riverside (Cal.) Public Library. 3  Roadmasters and Maintenance of Way Association of America Pearia		I
Riverside (Cal.) Fubilic Library. 3 Roadmasters and Maintenance of Way Association of America, Peoria, Ill. 1 Robey, Dr. William H., Jr., Boston. 1 Robotnik Polski, New York. 1 Robotnik Polski, New York. 1	Louis	ΙI
Robey, Dr. William H., Jr., Boston	St. Louis, Dept. of Public Welfare, Hospital	
Robinson, Sona Ingham, Glendale, Cal	Louis.  St. Louis, Dept. of Public Welfare, Hospital Division.  — Public Library.  — Municipal Reference Branch	2
Robinson, Sona Ingham, Glendale, Cal I Robitshek, Dr. Emil C., Minnea polis 2 Rochdale Public Libraries, Art Gallery and	- Municipal Reference Dianen	1
Rochdale Public Libraries, Art Gallery and	St. Louis Education Museum	I
	St. Louis Medical History Club	I
Rochester, Dr. Haydon, New York	St. Louis Mercantile Library. St. Louis, Merchants' Exchange. St. Louis Railway Club.	I
Rock Island Co., Chicago 4	St. Louis Railway Club	I

Volumes or Pamphlets.	Volumes or Pamphlets.
St. Louis University	C' CII P.
	Simmons College, Boston. 6 Simonds Mfg. Co., Chicago. 1 Simons, Mrs. Charles J., Chicago. 15 Simplex Automobile Co., New Brunswick, N. J. 1 Simplifed Spelling Board, New York. 1 Simplson, Frances, Urbana, Ill. 1 Singh, Dr. Sunder, Birch Cliff, Ont. 1 Single Tax Information Bureau, New York. 1 Single Tax Review, New York. 1 Slocomb, L. T. Co. Providence. 1
St. Mary's Hospital, Rochester, Minn 3	Simplex Automobile Co., New Brunswick, N. J. 1
St. Paul City and County Hospital	Simplified Spelling Board, New York
— Public Library 8	Singh, Dr. Sunder, Birch Cliff, Ont.
St. Paul Institute. 2 St. Paul Medical Journal. 1 Salem (Mass.) Public Library. 3	Single Tax Information Bureau, New York
St. Paul Medical Journal 1 Salem (Mass.) Public Library	Slocomb J. T. Co. Providence
Salt Lake City, Public Library. 1 Samet-Solway Co., Syracuse, N. Y. 2 Samulener, L. W., New York. 5 San Diego State Normal School. 1	Slocomb, J. T., Co., Providence. 2   Small, Dr. Arthur A., Chicago 1   Smead Mig. Co. Hastings, Minn, 1   Smiley Public Library, Redlands, Cal 3
Samet-Solway Co., Syracuse, N. Y	Smead Mfg. Co. Hastings, Minn,
San Diego State Normal School	
San Flancisco, Doard of Supervisors	Smith, E. C., Chicago
— Public Library	Smith, E. C., Chicago 2 Smith, S. Morgan, York, Pa. 1 Smithsonian Institution, Washington, D. C. 6
San Francisco Chamber of Commerce	Smoke Abatement League, Cincinnati 2
San Francisco Mechanics' Institute I Sand Lime Brick Association, Buffalo 2	Smooth-on Manufacturing Co., Jersey City 2
Santa Fé Magazine, Chicago 1 São Paulo, Brazil, Departamento Estadual do	Snead and Co. Iron Works, Jersey City I Social Service Corporation, Baltimore I Socialistic Party, Chicago I
São Paulo, Brazil, Departamento Estadual do	Socialistic Party, Chicago
Trabalho	Società Tipografico Editrico Nazionalo Turin
Ohras Publicas	Societé d'Economie Politique, Paris
Saranac Laboratory, Saranac Lake, N. Y 2	Society for the Promotion of Training for
Sarawak Museum, Borneo 1 Saskatchewan, Board of Highway Commis-	
sioners 3	Society of American Florists and Ornamental Horticulturists, Urbana, Ill
— Dept. of Agriculture	Society of the Lying-In Hospital, New York
Savage Arms Co., Utica, N. Y	Society of Naval Architects and Marine En-
Savannah Municipal Laboratory 2  — Municipal Library 2	gineers, New York
Savannah Cotton Exchange	Society of Tropical Medicine and Hygiene,
Savannah Cotton Exchange 1 Scandinavian Socialist Federation of America,	London
Schachner Dr. Angust Louisville	Somerville (Mass.) Public Library 1 Sorge, A. Jr., & Co., Chicago 10
Schacht, F. W., Downers Grove, Ill434	Sorge, A. Jr., & Co., Chicago. 10 Sotheran, Henry, & Co., London. 1 South Australia, Dept. of Agriculture. 5
Chicago I Schachner, Dr. August, Louisville 3 Schacht, F. W., Downers Grove, Ill. 434 Schack Artificial Flower Co., Chicago 2 School S. F. Edshaw M. 6.	South Australia, Dept. of Agriculture 5
Schaeffer & Budenberg Mfg. Co., Brooklyn	— Dept. of Mines
Schimmel & Co., Miltitz, Ger	— State Children's Dept I South Australian Chamber of Manufactures,
School of Printing Restan	
Schuller, Rudolf, Chicago	South Bend Watch Company, South Bend, Ind. 1 South Carolina, Agricultural Experiment Sta-
Schwartz, Charles P.; Chicago	South Carolina, Agricultural Experiment Sta-
Schwartz, Charles P., Chicago 1 Schweizerische Landesbibliotek, Bern 1 Schweizerische Vereinigung zur Förderung des	- Dept. of Education 2
Internationen Arbeiterschutzes, Bern 2	
Scientific American, New York	- Railroad Commission. 2 - State Bank Examiner. 2
Scientific Station for Pure Products, New York	South Dakota Agricultural Evperiment Sta
	tion
Scranton (Pa.) Board of Trade	— Ruditor's Dept
Scranton (Pa.) Board of Trade. 1 Scranton (Pa.) Public Library. 3 Scribner's, Charles, Sons Co., New York. 1 Scully, Dr. T. P., Rome, N. Y 1 Sears, Roebuck & Co., Chicago 1	tion 0  — Auditor's Dept 8  — Board of Agriculture 1  — Board of Railroad Commissioners 1  — Bureau of Immigration 2  — Dept. of Health & Medical Examiners 1  — Dept. of History 1
Scully, Dr. T. P., Rome, N. Y.	— Bureau of Immigration
Seattle Public Library 1 Seifert, Dr. M. J., Chicago 1 Seneca Falls Mig. Co., Seneca Falls, N. Y. 1 Senna, Dr. Nelson de, Bello Horizonte, Brazil. 4	— Dept. of History
Seifert, Dr. M. J., Chicago	— Dept. of Public Instruction
Senna, Dr. Nelson de, Bello Horizonte, Brazil	— State Board of Pharmacy 1 — State Engineer
servus Rescue Equipment Company, Newark,	- State Engineer. 1 - State Food and Drug Commission. 3
N. J	— State Geological Survey. 1 — State Inspector of Mines. 8
N. J. 1 Seymour Library, Auburn, N. Y. 2 Shakespeare Birthday Committee, New York. 1 Sharp & Dohme, Baltimore, 1	South Dakota Pharmaceutical Association,
Sharp & Dohme, Baltimore	Dell Rabids I
Sharp & Dohme, Ballimore. 1 Shea, Smith & Co., Chicago . 2 Shepard Electric Crane & Hoist Co., Chicago . 1 Shekbad's James   Chicago   1	South Dakota, School of Mines, Rapid City 3 Southern Illinois State Normal University,
Shepherd Electric Crane & Hoist Co., Chicago. 1 Shepherd's Journal, Chicago. 1 Sherman, Althea R., McGregor, Ia. 7 Shoe and Leather Reporter, Norwood, Mass. 1 Shoe Workers' Journal, Boston. 2 Shore Instrument & Mig. Co., New York. 1 Shrainka, Dr. Philip, St. Louis. 1 Siège Social, Paris. 2 Sierra Club, San Francisco. 2 Signa Xi Society Uthana III	Carbonale 1
Shee and Leather Reporter Normand Mass	Southern Orchards and Farms Houston, Tex. 2
Shoe and Leather Reporter, Norwood, Mass 1 Shoe Workers' Journal, Boston	Southern Pacific Company, New York. 1 Southern Pacific Railway Co., San Francisco. 16 Southern Railway Co., New York. 1 Southern Rhodesia, Director of Agriculture,
Shore Instrument & Mfg. Co., New York I	Southern Railway Co., New York
Siège Social. Paris.	Southern Khodesia, Director of Agriculture,
Sierra Club, San Francisco	Salisbury 1 Southern Settlement and Development Or-
Sigma Xi Society, Urbana, Ill	ganization, Baltimore
Sierra Club, San Francisco. 2 Sigma Xi Society, Urbana, Ill. 8 Silk Association of America, New York. 2 Simmon Automatic Railway Signal Co., Buffalo 2	tion, Chicago
V	

Volumes or Pamphlets.	Volumes or Pamphlets.
Southwest Trail, Chicago	Taylor, Dr. William J., Philadelphia
Madrid 1 Spencer Turbine Cleaner Co., Hartford, Conn 2	Technological Institute Emperor Nicholas I
Spokane ( hamber of Commerce 4	Petrograd
Sprague Electric Works, New York 2	Templeton, Kenly & Co., Chicago
Spokane Public Library 1 Sprague Electric Works, New York 2 Springfield (III.) City Council 1 Springfield (Mass) City Library Association 13	Tennessee, Agricultural Experiment Station. 9 — Dept. of Agriculture
— Health Dept	Petrograd 1. Telleen, J. Martin, Cleveland 1. Telleen, J. Martin, Cleveland 1. Templeton, Kenly & Co., Chicago 1. Tennessee, Agricultural Experiment Station 2. Dept. of Agriculture 3. Geological Survey 4. Mining Dept 1. Railroad Commission 1. State Board of Health 1.
Standard Oil Company, San Francisco 3	- Railroad Commission.
Standard Paint Co., New York	- State Board of Health. 1 Testimony Publishing Co., Chicago. 1 Texas, Agricultural Experiment Station. 8
Standard Paint Co., New York. 13 Standard Press Steel Co., Philadelphia 1 Standard Spiral Pipe Works, Chicago 1 Standard Stained Shingle Co., North Tona-	— Bureau of Labor Statistics
wanda, N. Y.         3           Standard Steel Works Co., Chicago.         5           Standard Tool Co., Cleveland.         1           Stanton, Dr. C. S., Chicago.         213           State Charities Aid Association, New York.         1	— Dept. of Agriculture 12  — General Land Office 1  — Legislative Reference Division 1
Standard Tool Co., Cleveland	Legislative Reference Division 1     Library and Historical Commission 2
State Charities Aid Association, New York	— Railroad Commission
Staten Island Association of Arts and Sciences, New Brighton, N. Y	- Secretary of State. 2 - State Comptroller. 1
Stecher, Charles, Co., Chicago 1 Stein, Mrs. Oswald, Chicago	- State Comptroller. r - State Health Dept. 4 - State Library, Legislative Reference Divi-
Steinway & Sons, New York	sion. 2 — Treasurer. 1
New Brighton, N. Y. 3 Stecher, Charles, Co., Chicago. 1 Stein, Mrs. Oswald, Chicago. 1 Stein, Mrs. Oswald, Chicago. 1 Steinway & Sons, New York. 14 Stephan, F. W., Chicago. 4 Stephens-Adamson Manufacturing Co., Aurora, III.	Tayas Agricultural and Machanical College
Stevens Institute of Technology, Hoboken, N. J.	College Station
Stevens Institute of Technology, Hoboken, N. J. 1 Steward & Romaine Míg. Co., Philadelphia . 1 Stimmen im Sturm, Zurich . 1	Thaumazo, F., Brooklyn I Theosophical Society of America, Brooklyn I
Stimson, Henry L., New York	Therapeutic Digest Publishing Co. Cincinnati T
Storey, Moorfield, Boston.	Thermal Syndicate, New York
Stovel Company, Winnipeg	Thermal Syndicate, New York. IT Thermalene Company, Chicago Heights, III. IT Thomas, Arthur H., Company, Philadelphia. IT Thomas S. Clarkson Memorial School of Technology (N. W.
Stimmen im Sturm, Zurich.  Stimson, Henry L., New York.  Stone and Webster, Boston.  Store and Webster, Chicago.  Storey, Moorfield, Boston.  Stovel Company, Winniper.  Straight University, New Orleans.  Straight University, New Orleans.  Stramss Bascule Bridge Co., Chicago.  Strombere-Carlson Telepbone Mfg. Co., Roches- Strombere-Carlson Telepbone Mfg. Co., Roches-	nology, Fotsdam, N. I
Stromberg-Carlson Telephone Mfg. Co., Roches- ler, N. Y	Thompson, Slason, Chicago
ter, N. Y	Throop College of Technology, Pasadena 11 Tissot, Ed., Chaux-de-Fonds, Switzerland 4 Titanium Alloy Manufacturing Co., Niagara
Submarine Signal Co., Doston	Titanium Alloy Manufacturing Co., Niagara Falls
Superior (Wis.) Public Library 1 Supplee-Biddle Hardware Co., Philadelphia 1	Falls         2           Todd, G. W., & Co., Rochester, N. Y.         4           Tohoku Imperial University, College of Agriculture, Library, Sapporo, Japan.         3           Toledo Scale Co., Toledo.         2           Tomkins, Calvin, New York.         1           Toronto, City Treasurer.         2           — Public Library.         2           Townbee Hall London.         1
	culture, Library, Sapporo, Japan
Swarthmore (Pa.) College	Tomkins, Calvin, New York.
Stockholm	Toronto, City Treasurer. 2 — Public Library. 2
Sweden, Socialstyrelsen, Stockholm	Traffic Club of Chicago
Sweetland Filter Press Co., New York 1 Sweet's Catalogue Service, New York	Transvaal, Dept. of Agriculture I
Swift Dr Walter R Roston	Travelers Aid Society, New York 2 Travelers Insurance Co., Hartford, Conn 8
kanzlei, Bern	Traylor Engineering and Manufacturing Co
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Wilke, Bruno, Chicago 6 Wilkes-Barre, (Pa.), Chamber of Commerce 1	Women's Canadian Historical Society, Ottawa,
Wilkman, Thomas, Burlington, Ia	Women's Foreign Missionary Societies of the Presbyterian Church, New York
William B. Pierce Co., Buffalo 5	Women's Trade Union League, London 2
William Ganschow Co., Chicago	Wood, R. D., & Co., Philadelphia. 2 Wood, Walton J., Los Angeles. 2 Woodbury, C. J. H., Lynn, Mass. 1
Williams Foundry & Machine Co., Akron, O 6 Williams, J. H., & Co., Brooklyn	Woodruff, George, Jonet, Itt
Williams, J. H., & Co., Brooklyn	Worcester (Mass.), Board of Park Commissioners.
Williston Seminary, Easthampton, Mass. 1 Wilmington, Del., Board of Health 3 Wilmington, Del., Institute Free Library 2 Wilshire, Gaylord, London 1 Wilson, H. W., & Co., White Plains, N. Y. 2	sioners I Free Public Library I Worcester (Mass.) City Hospital 3 Worcester (Mass.) County Law Library I Worcester (Mass.) Polytechnic Institute. I Worcester (Mass.) State Hospital I Workington (Eur.) Public Library I
Wilmington, Del., Institute Free Library 2 Wilshire, Gaylord, London	Worcester (Mass.) County Law Library I Worcester (Mass.) Polytechnic Institute I
Wilson, H. W., & Co., White Plains, N. Y 2 Winchester Repeating Arms Co., New Haven,	
Conn	Workmen's Compensation Publicity Bureau.
Windsor (Ont.) Public Library I Wing, L. J., Manufacturing Co., New York 4 Winnebago County Schools Superintendent,	New York
Rockford, Ill.         2           Winnetka (Ill.), Public Library.         2           Winona (Minn.), Board of Education.         2	Commissioner of Public Lands  Humane Society & State Board of Child and
Winona (Minn.), Board of Education. 2 Winona Quarterly, Winona Lake, Ind. 1	Animal Protection 2 — State Auditor 1
Winship, George Parker, Cambridge, Mass. 1 Winton Motor Car Co., Cleveland. 2	- State Board of Agriculture 8 - State Board of Charities and Reform
Wisconsin Academy of Sciences, Arts and	State Chemist 2 — State Engineer 1
Letters, Madison 1 Wisconsin Agricultural Experiment Station 20 — Board of Regents of Normal Schools 14	- State Geologist 6
— Civil Service Commission I	Yale and Towne Manufacturing Co., New York
- Commissioner of Banking	Yale Law Journal, New Haven 1 Yale Peruvian Expedition, New Haven 2
- Efficiency Bureau	Yale University, New Haven.         4           — Forest School.         4
- Geological and Natural History Survey 2 - Industrial Commission	Yerkes Observatory, Williams Bay, Wis 2
- Insurance Commission 2 - Railroad Commission 180	- Library 4 Yerkes Observatory, Williams Bay, Wis 2 York (Eng.) Public Library 3 Young Churchman Co., Milwaukee 1
- State Banking Dept. 6 - State Board of Agriculture. 3	Chicago
— State Board of Control	Young, Mrs. Ella Flagg, Chicago
— State Bureau of Vital Statistics	Zimmerman, Miss, Chicago 2
- State Entomologist r - State Fire Marshal 2	Zurich, Stadtbibliothek
— Supt. of Public Instruction 2	Academy, Chicago 3

### SUMMARY OF STATISTICS

IN FORM RECOMMENDED BY THE AMERICAN LIBRARY ASSOCIATION

# THE JOHN CRERAR LIBRARY CHICAGO, ILLINOIS

A FREE PUBLIC REFERENCE LIBRARY OF SCIENTIFIC AND TECHNICAL LITERATURE

21st Annual report for year ended December 31, 1915

1	0 / 7 3
Central library with three reading	g rooms
Number of days open during year	
Hours open each week for reading	78
Total number of staff -	57
Total valuation of library prope	erty \$5,392,477
Number of volumes at beginning	
Number of volumes added by pur	chase 13,111
Number of volumes added by gift	and exchange 3,778
Number of volumes lost or withd	rawn 633
Total number at end of year	353,394
Number of pamphlets at beginning	g of year 112,211
Number of pamphlets added	10,613
Total number of pamphlets at en-	d of year 122,824
Other additions (maps) -	2,229
Total maps	10,854
Number of periodicals currently re	
	3,789 copies of 3,758 titles.
Number of other serials -	12,547
Number of people using library for	or reading and study - 170,163
Recorded use (call slips filled)	195,502
RECEIPTS FROM	PAYMENTS FOR MAINTENANCE
Endowment funds, net \$229,923	Books \$27,329
Endowment funds, net \$229,923 Other sources 1,188	Periodicals 6,749
	Other serials 3,642
Total receipts \$231,111	Binding 9,980
	Salaries, library service - 59,233
•	Salaries, janitor service - 4,540 Taxes 13,602
	T 0/
	Rent and Heat 3,532
	Light 2,129
	Other maintenance - 22,492
_	Total maintenance \$190,667

### REGULATIONS

The Library is a free public reference library, open to readers every day, excepting Sundays, from 9 A. M. to 10 P. M.

Satchels, suit cases, bags, etc., must be checked in the Cloak Room. Outer garments, umbrellas, and packages may be, and in wet weather must be, so checked. No charge is made for the service. The Library will not hold itself responsible for unchecked articles nor for any articles left over night.

Books shelved in the Reading Room and in the Senn Room, except as noted below, may be consulted without formality, but after use are to be left on the tables, instead of being replaced on the shelves.

Current periodicals, except those on the Medical Sciences, may be consulted in the Periodical Room and may be obtained for use at the tables in the Reading Rooms by presenting at the delivery desk serial call-slips properly filled out. Current medical periodicals are shelved in the Senn Room and may be consulted there.

Books not shelved in the Reading Rooms may be obtained by presenting at the delivery desk book call-slips properly filled out. These books are to be returned to the delivery desk.

Persons engaged in special research, if satisfactorily vouched for, may be admitted to the Stack Rooms. Application for this privilege should be made to the Reference Librarians. All books used under this provision are to be left on the tables in the Stack Rooms.

Books not suitable for general use may be consulted only upon registration and statement of satisfactory reasons, and those of great value or rarity only in the presence of an attendant.

Writing or marking in books belonging to the Library, their mutilation in any manner, and their removal from the Library, are forbidden. The tracing of plans will be permitted if done over a celluloid cover, but not otherwise. The covers will be furnished upon application at the delivery desk.

The officials of the Library are authorized to exclude any person of unseemly behavior or appearance, and any one wilfully violating its regulations.

The Reference Librarians, in charge of the Reading Rooms, will give assistance in the use of the library.

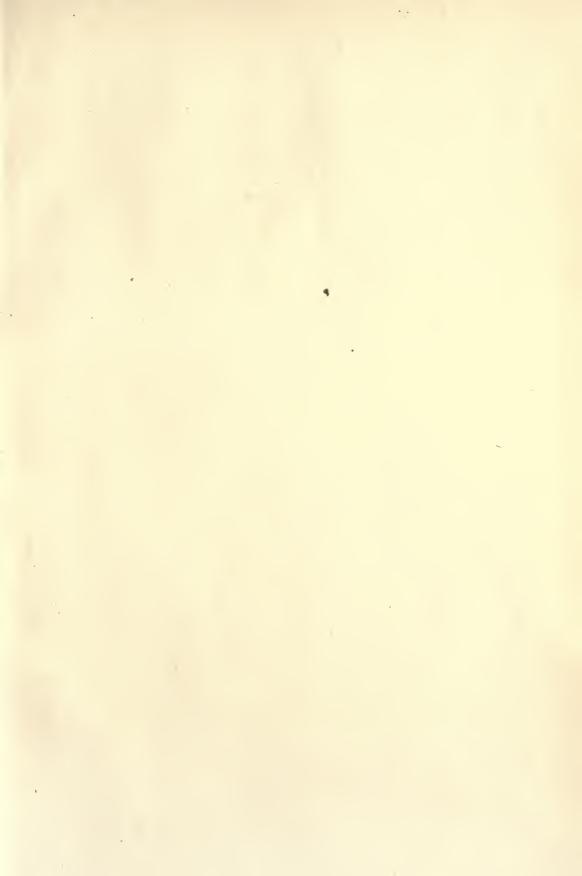
#### PUBLICATIONS IN PRINT

No bills are rendered. Orders should be accompanied by postal money order or stamps.

Annual reports. First to twenty-first for the years 1895-1915. Chicago 1897-1916. Sent gratis on request, except 1906.

The First report contains Record of Organization; the Second, Memorial of Edson Keith; the Fourth, By-laws of the Corporation; the Fifth, Memorial and portrait of Norman Williams; the Sixth, Memorial and portrait of Huntington W. Jackson; the Seventh, Act and Ordinance authorizing the Library to erect and maintain a free public library on the Lake Front Park; the Ninth, "Act concerning free public libraries in public parks"; the Eleventh, Memorial and portrait of Marshall Field, and "Ordinance concerning The John Crerar Library"; the Thirteenth, Memorials and portraits of Albert Keep and Dr. Nicholas Senn; the Fourteenth, By-laws of the Corporation; the Fifteenth, Report of the Special Committee on Site; the Nineteenth, Memorial and portrait of Henry W. Bishop; the Twentieth, Memorial and portrait of Eliphalet W. Blatchford.

- Printed catalogue cards for the titles of all books in the Library. *Prices on application*.
- A list of current periodicals in the Reading Room, June, 1902. Chicago 1902. 97 p. Price 10 cents; by mail 15 cents.
- A list of books on industrial arts, October, 1903. Chicago 1904. 249 p. Price 20 cents; by mail 30 cents.
- A bibliography of union lists of serials. Chicago 1906. 28 p. Price 5 cents; by mail 10 cents.
- A list of books exhibited December 30, 1907—January 4, 1908, including incunabula and other early printed books in the Senn Collection. Chicago 1907. 32 p. Price 5 cents; by mail 10 cents.
- A list of books in the Reading Room, 1909. Chicago 1909. viii, 488 p. Price 25 cents; by mail 50 cents.
- A list of books on the history of science. Chicago 1911. 10, 297 p. Price 25 cents; by mail 40 cents.
- A list of current medical periodicals and allied serials, second edition, April, 1913. Chicago 1913. 32 p. Price 5 cents; by mail 10 cents.
- Handbook, 1913. Chicago 1913. 16 p. Sent gratis on request.
- A list of books on the history of industry and industrial arts, January, 1915. Chicago 1915. 9, 486 p. Price 25 cents by mail 50 cents.











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